

# User Manual



Reality™





P O R T A B L E   A L L   D I G I T A L  
M O B I L E   P H O N E

**User Manual**

**Please read this manual before operating your  
phone, and keep it for future reference.**

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GH68-26940A

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## Section 1: Getting Started

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This section allows you to quickly start using your phone by installing and charging the battery, activating your service, setting up your voicemail, contacting customer support.

### Understanding this User Manual

The chapters of this manual generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to features begins on page 153.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 125.

### Notes and Tips

Throughout this guide are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Note:** Explains alternative options within the current feature, menu, or sub-menu.
- **Tip:** Provides quick or innovative methods for performing functions related to the subject at hand.
- **Important!** Points out information about the current feature that could affect performance, or even damage your phone.

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**Note:** All screen images in this manual are simulated. Actual displays may vary. Instructions to perform tasks in this manual may change depending on the software version on your phone.

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**Note:** Unless otherwise specified, all instructions to perform tasks in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the phone or display. For more information, see “Locking and Unlocking” on page 10.

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### Activating your Phone

If you purchased your phone at a Verizon Wireless store, it is activated and ready to use. If received a new phone by mail, it may need to be activated before you can use it.

To activate your phone, choose from the following:

- Visit a Verizon Wireless store
- Contact Verizon Wireless customer support.
- Visit [www.verizonwireless.com](http://www.verizonwireless.com) to manage your account online.

### Displaying Your Telephone Number

**My Number** displays the ten-digit telephone number assigned to your phone.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Info →  My Number.

## Battery

Your phone is powered by a rechargeable, standard Li-Ion battery, and comes with a wall charger for charging.

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**Note:** The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

After the first charge, you can use the phone while charging.

---

**Warning!**: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

---

## Battery Indicator

The battery icon in the upper-right corner of the display shows battery power level, with four bars  indicating a full charge. Two to three minutes before the battery becomes too low to operate, a blinking empty battery icon appears and a tone sounds. If you continue to operate the phone without charging, it will shut down.

## Battery Cover

Your phone has a removable battery cover, covering the battery and a tab for attaching a strap.

### Removing the Cover

- ▶ Grasp the phone with both hands. Pull up on the slot provided, while lifting the cover up and off the phone.



### Installing the Cover

- ▶ Align the cover and press it firmly into place, being sure it snaps into place at the corners.

## Installing the Battery

1. Remove the battery cover. For more information, see “*Battery Cover*” on page 5.
2. Insert the top end of the battery into the phone housing, aligning the gold contacts on the top of the battery with the gold contacts on the phone. Push down on the bottom of the battery until it snaps into place.



3. Snap the battery cover back into place.

## Removing the Battery

1. Remove the battery cover. For more information, refer to “*Battery Cover*” on page 5.
2. Grasp the bottom of the battery using the slots provided, then lift the battery up and out of the phone.



3. Snap the battery cover back into place.

## Charging the Battery

**Note:** The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

After the first charge, you can use the phone while charging.

1. Connect the USB cable to the charging head.



2. Insert the USB cable into the phone's power/accessory port.



3. Plug the charging head into a standard AC power outlet.
4. When the charging is complete, the indicator on the charging head turns green. Unplug the charger from the power outlet and remove the USB cable from the phone.

---

**Warning!** Use only Samsung-approved charging accessories to charge your phone. Improper handling of the power/accessory port, as well as the use of a non-approved charger, may cause damage to your phone and void the warranty.

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## **Non-Supported Batteries**

Samsung handsets do not support the use of a non-approved battery.

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**Important!**: Using a non-supported battery may damage your phone.

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When using a non-supported battery, you will hear a series of beeps and you will see a warning message that indicates:

**"NON-SUPPORTED BATTERY. SEE USER GUIDE."**

If you receive this warning, battery charging has been disabled.

Samsung charging accessories, such as the travel adapter and cigarette lighter adapter, will only charge a Samsung-approved battery.

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**Note:** When using a non-supported battery the phone can only be used for the duration of the life of the battery. The non-supported battery cannot be charged.

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## **Attaching a Strap**

You can attach an optional strap (not included) to your phone.

1. Remove the battery cover. See "Battery Cover" on page 5.



2. Slide the loop of the strap into the slot and over the tab to secure it.
3. Install the battery cover.

## Turning Your Phone On and Off

- Press and hold the **End/Power** key  to turn the phone's power on or off.

While powering on, the phone connects with the home network, then displays the Home screen and active alerts.



## Set-Up Wizard

The Set-Up Wizard helps you set 9 basic parameters to get started using your phone quickly.

1. From a Home screen, touch  **Menu** →  **Settings & Tools** →  **Set-Up Wizard**.
2. Follow instructions on the screen to set preferences:
  - **Call Sound:** Choose how incoming calls are announced.
  - **Ringtone:** (Available when Ringtone Only or Ring and Vibrate are selected for Call Sound.) Select a ringtone for incoming calls.
  - **Vibrate Level:** Set a vibration level for touch screen feedback.
  - **Tone Level:** Set a level for touch screen tone feedback.
  - **Feedback Tone:** Set a tone for touch screen feedback.
  - **Wallpaper:** Choose an image for the home screen.
  - **Menu Font:** Set the size of menu displays.
  - **Dial Font:** Select the size of Dialer fonts.
  - **Main Clock:** Choose a style for the main clock.
3. Touch **Next** to move to the next setting. You can skip any setting by touching **Next**.  
Touch **Done** when finished.
3. Touch  to return to the menu.

## Locking and Unlocking

Your phone offers two lock functions: locking the display, or locking the phone. Because this is a touch screen phone, locking the display prevents unintentional key presses and can minimize unnecessary battery drainage. Locking the phone can prevent unauthorized access to the information on your phone, while allowing access to the Dialer for call functions.

### Locking and unlocking the phone

You can lock the phone to prevent unauthorized access to information on the phone, but allow dialing with the Dialer. Locking and unlocking requires the Lock Code.

Locking the phone:

1. From a Home screen, touch  Menu →  Settings & Tools →  7 Phone Settings →  8 Security.

Enter the lock code when prompted. The default lock code is the last four digits of your telephone number.

2. Touch  Lock Phone Now. The Home screen displays.

Unlocking the phone:

- Touch **Unlock** and enter the lock code at the prompt.

---

**Note:** You may choose to lock the phone automatically when powered on. For more information, see “*Phone Lock Setting*” on page 78.

## Locking and unlocking the display

By default, the display locks when the backlight goes off. To change this setting, see see “*Touch Settings*” on page 75.

Locking the display:

- Press the  Lock key on the left side of the phone.

### Unlocking the display

1. Press the  Lock key once to wake up the display.

---

**Note:** You can change the settings to allow you to press any key to activate the backlight. For more information, see “*Unlock Screen*” on page 75.

2. Starting at the edge of the display, drag your finger across the display in any direction. The lock screen animates and clears from the display.



## Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you'll want to set up your voicemail and personal greeting as soon as you activate your phone.

### Setting up Voicemail

1. From a Home screen, touch  Dialer.
2. Touch and hold .
- or –
- Touch   , then press  Send.
3. Follow the automated instructions to set up your new password and record a greeting.

### Checking Voicemail

1. From a Home screen, touch  Dialer.
2. Touch and hold .
- or –
- Touch   , then press  Send.
3. Enter your password, then touch .
4. Follow the recorded prompts to listen to messages and manage your voicemail.

**Tip:** You can also access voice mail by dialing your phone number from any touch-tone phone.

## Memory Card

Your phone supports the use of an optional, removable microSD™ memory card of up to 16GB capacity. You can store music or pictures you download or transfer to your phone, and other files, on the memory card.

**Note:** You can only store music files that you own (from a CD or purchased with V CAST Music with Rhapsody) on a memory card.

### Installing the Memory Card

1. Pull the microSD card cover out and turn it to expose the card slot.



2. Push the microSD card into the slot until it locks into place.

## **Removing the Memory Card**

1. Pull the microSD card cover out and turn to expose the card slot.
2. Push in on the memory card to release the lock and remove memory card from the memory card slot.

## **Formatting the memory card**

Formatting erases any content on the memory card, and prepares it for use with your phone.

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**Warning:** Repeated formatting will shorten the life of the memory card.

---

## **Formatting a microSD Card using your Phone**

1. From a Home screen, touch  Menu →  Settings & Tools →  Memory →  Card Memory.
2. Touch  Format Card.  
At the Format Card? prompt, touch Yes.

## **Formatting a microSD Card using your PC**

For best playback of songs stored to the microSD memory card, use the PC file system FAT32.

Consult your PC and/or memory card reader documentation for information about formatting memory cards.

## Section 2: Understanding Your Phone

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This section outlines key features of your phone. It also displays the screen and the icons that are displayed on the phone.

### Features of Your Phone

- Full color 3-inch WQVGA Touch Screen
- Slide-out QWERTY keyboard
- High Speed Data (EVDO 1x - Rev 0 Capable Technology)
- Motion Detection
- Global Positioning (GPS) Technology with VZ Navigator®
- V CAST Music with Rhapsody® (Subscription, Wireless & PC Downloads)
- V CAST Videos
- Social Networking through the Communities application
- Messaging Services
  - Standard and Enhanced Text Messaging
  - Picture Messaging
  - Video Messaging
  - Threaded message display, by contact
  - Voicemail
  - Email Messaging, including mobile and corporate Email
  - Mobile Instant Messenger (IM)
- Personal Tools, including Calculator, Calendar, Alarm Clock, Stop Watch, World Clock, Notepad and Sketch Pad
- Full HTML Browser
- 3.2 Megapixel CMOS Camera and Camcorder with Night Shot Mode
- Advanced Nuance® Voice Recognition technology, for no-training voice commands for dialing and other features
- Speakerphone
- microSD™ Memory Card Slot (up to 16GB capacity)
- Advanced photo features and functionalities (photo river, photo editor, dynamic canvas, panoramic photos)
- Device Search
- File Viewer
- Bluetooth® 2.1 + EDR Wireless Technology. For more information, see “*Bluetooth Menu*” on page 68.

## Front View of Your Phone



## Functions

1. **LCD Touch Screen:** Displays all the information needed to operate your phone.
2. **Send key:** Press to answer an incoming call or to dial a number. From Idle mode, press to open All Calls.
3. **Clear key:** Press to return to the previous screen. Press and hold to return to the Home screen.
4. **Earpiece:** Allows you to hear callers.
5. **End/Power key:** Press and hold to power the phone On or Off. Press to end a call or to end any application from any menu, sub-menu or options menu.
6. **Microphone:** Allows the other caller to hear you clearly when you are speaking to them.

## Back View of Your Phone



## Features

1. **Mirror:** Use to position camera when taking self-portraits with the Camera.
2. **Speaker:** Music, ringtones and sounds play through the speaker.
3. **3.5 mm Headset Jack:** Plug in standard music headphones (for listening to music only) or an optional headset for safe and convenient conversations.
4. **Camera/Camcorder Lens:** The lens of the built-in camera/camcorder.

## Side View of Your Phone



1. **Strap attachment:** Attach a strap (not included).
2. **USB Power/Accessory Port:** Plug in the USB cable for charging or to sync music.

3. **Volume key:** In idle mode, press to adjust master volume, or press and hold to activate Sound Off/Normal mode. Press to adjust voice volume during calls, adjust audio volume, or mute an incoming call ringer. When browsing web with music playing, press to bring up Music Player.
4. **Lock key:** Locks/unlocks display. Press to lock display. When backlight is off, press once to activate backlight, or press and hold to unlock the display in one step.
5. **Memory Card Slot:** Insert an optional microSD™ memory card to add additional memory and storage capacity.
6. **Voice Commands key:** From idle mode, press to activate Voice Commands feature.
7. **Speakerphone/Zoom key:** Press to activate speakerphone. In Browser, press to increase and decrease size of web content, or in zoom mode when viewing a picture in My Pictures.
8. **Camera/Camcorder key:** Press to activate the camera, or press and hold to activate the camcorder.

## Open View of Your Phone

This touch screen phone also offers the convenience of a slide-out QWERTY keyboard. To access the keyboard, rotate the phone, and slide the phone open.



When you slide the phone open, the display automatically rotates from portrait mode to landscape mode.

## QWERTY Keyboard Features

1. **Function key:** Press to toggle access to the orange symbols on the QWERTY keyboard.
2. **Shift/Message key:** Toggles the case for alphabet characters, between mixed case, uppercase and lowercase. From a Home screen, press to open a new Text Message.
3. **Space key:** Add spaces between words and characters. Press Function + Space to choose Smileys.
4. **Directional keys:** Navigate through phone menus and screens.
5. **OK key:** When navigating through a menu or screen, press to accept the highlighted choice, or to select Go when surfing the web.
6. **Return key:** Press to perform a highlighted function in a menu or submenu. Press to go to the next line when entering text.
7. **Backspace key:** Delete characters from the display when entering text, or go back when surfing the web or viewing pictures.

## Home Screen

The Home screen is your starting point for using the features of your phone. You can customize home screens by placing Widgets and changing wallpaper.



## Understanding the Home Screen

1. **Widget Bar and Tab:** Touch the Widget Bar Tab to open and close Widget Bar, for access to widgets.
2. **Dialer button:** Opens the **Dialer** keypad.
3. **Contacts button:** Opens **Contacts**.
4. **Message button:** Opens **Messaging**.
5. **Menu button:** Launches the **Menu**.
6. **Event Status Bar:** Icons light up to indicate recent events or status changes. Touch icons to access the Event Manager screen. See “*Event Status Bar and Event Manager*” on page 25.
7. **ERI banner:** Indicates current network, if ERI Banner is enabled. For more information, see “*ERI Banner*” on page 73.
8. **Annunciator Line:** Icons indicate network status, battery power, signal strength, connection type and more. You can view a list of all icons used on your phone in the Icon Glossary; for more information see “*Phone Info*” on page 85.

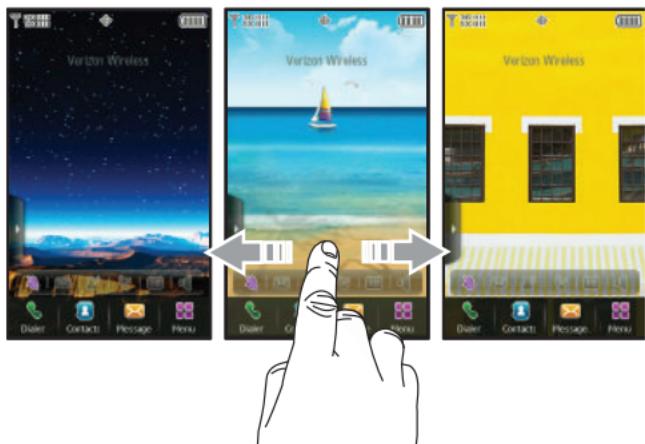
## Extended Home Screens

The home screen extends beyond the display width to provide more space for adding widgets.

Slide your finger horizontally across the screen to scroll to the left or right side of the extended home screen.

The wallpaper is different on each home screen to aid you in navigation, and you can use your own pictures as wallpaper.

The indicator at the top of the screen shows the current screen.



## Customizing Home Screens

Home screens can be customized to fit your needs by docking widget(s) on the home screen, and by selecting wallpaper.

### Docking and Placing Widgets

For more information, see “*Widgets and the Widget Bar*” on page 20.

### Moving Widgets

To move a widget on the home screen, touch and hold the widget until it responds, then drag it to a new area of the home screen.

### Changing the Home Screen Wallpaper

1. From a home screen, display the Widget Bar by tapping the Widget Bar tab, then tap the **My Pictures** widget . Use the left or right triangle to scroll through images stored on your phone or optional installed memory card.
2. Tap **Get New** to launch the Get New Pictures application to download new images.
3. Tap **Set** to use the displayed image as the new wallpaper for the current screen.

---

**Note:** You can also set the Wallpaper in **Settings**. For more information, refer to “*Wallpaper*” on page 74.

---

## Widgets and the Widget Bar

Widgets are links to applications, tools or features, which can be docked in the Widget Bar, or on a Home screen. For a list of widgets, see “*Widgets*” on page 21.

The Widget Bar, located at the left of the home screen:

- Provides quick access to widgets.
- Keeps widgets organized and always accessible.
- Maximizes available display space.



**Tip:** You can move the Widget Bar tab: with the Widget Bar closed, touch and hold the tab and drag up or down.

## Accessing the Widget Bar

- To access the Widget Bar, tap the Widget Bar tab.
- To close the Widget Bar, tap the Widget Bar tab.

## Widget Bar Navigation

Use your fingertip to flick up and down on the Widget Bar to scroll through the widgets.

## Docking and Placing Widgets

You can customize the Widget Bar and home screens by docking widgets in the Widget Bar, or placing widgets on a home screen.

- To place a widget on a Home screen, touch and hold the widget in the Widget Bar, then drag it to the Home screen.
- To dock a widget from a home screen to the Widget Bar, touch and hold the widget until it responds and the Widget Bar tab displays , then drag the widget to the Widget Bar.
- To reset widgets on the current home screen, open the Widget Bar, then shake the phone 3 times. You can feel the feedback as all widgets dock in the Widget Bar automatically.

---

**Note:** Some widgets are launched directly from the Widget Bar, while some launch from a Home screen. For more information about Widget properties, see “*Widgets*” on page 21.

---

## Customizing the Widget Bar

Widgets settings allow you to select widgets for display in the Widget Bar, making the widgets available for use from the Widget Bar, or for placing on a home screen. You can also change the order the widgets display in the Widget Bar.

1. From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  3 Widgets.  
– or –  
Tap the **Widget Bar**, then tap **Widgets Settings** .
2. To select a widget for display in the Widget Bar, touch the widget icon. When a widget is selected, it displays in color; when the widget is available for selection its display is in black and white.
3. To change the order of widgets in the Widget Bar, touch and hold the widget icon and drag it to a new position in the widget list.

### Widgets



**Alarm Clock:** Launches Alarm Clock. When placed on a Home screen, shows upcoming alarms. See “*Alarm Clock*” on page 111.



**Bing Search:** Launches Bing. For more information, see “*Bing Search*” on page 117.



**Birthday:** Place on a home screen to display alerts for upcoming birthdays, based on contacts’ Birthday field.



**Bluetooth:** Accesses the Bluetooth features of your phone, directly from Widget Bar or when placed on a Home screen. For more information, refer to “*Bluetooth Menu*” on page 68.



**Calculator:** Launches the calculator from the Widget Bar, or can be placed on a Home screen. For more information, see “*Calculator*” on page 109.



**Calendar:** Launches the Calendar from the Widget Bar, or place on a Home screen. For more information, see “*Calendar*” on page 110.



**Clock:** Displays the current day, date and time, in the Widget Bar. Place on a Home screen to display the current day, date and time. To change the clock format, see “*Clock Format*” on page 74.



**Communities:** Upload photos or videos, or post a status update, to your favorite social networking sites such as Facebook, Flickr, MySpace and Photobucket. For more information, see “*Communities*” on page 123.



**Date:** Displays the current day and date in the Widget Bar, and when placed on a Home screen.



**Device Search:** Search your phone for information, applications or features. Launches from the Widget Bar, or when placed on a Home screen. For more information, see “*Device Search*” on page 115.



**Dice:** Launches the Dice game directly from the Widget Bar, or can be placed on a Home screen.



**Facebook:** Launches Facebook in Browser.



**Games:** Accesses Games, including Dice and any games you've downloaded.



**Mini Music Player:** Place on a home screen to display current track title and control playback of songs. Touch to launch Music Player. For more information, see “*Music Player*” on page 94.



**My Favorites:** Provides quick access to up to 12 favorite contacts, plus one-touch dialing or message options. For more information, see “*Favorites*” on page 45.



**My Pictures:** Change the wallpaper on the current Home screen. For more information, see “*Changing the Home Screen Wallpaper*” on page 19.



**My Shortcuts:** Place on a Home screen to access up to 12 shortcuts to favorite applications. For more information, see “*Set My Shortcuts*” on page 76.



**My Verizon:** Launches a Verizon Wireless mobile web site, to check your account details and status



**MySpace:** Launches MySpace in Browser.



**Notepad:** Launches Notepad, directly from the Widget Bar, or can be placed on a Home screen. For more information, see “*Notepad*” on page 112.



**Personal Banner:** Place on a Home screen to display a custom banner. For more information, see “*Banner*” on page 73.



**Photobucket:** Launches Photobucket in Browser.



**Sketch Pad:** Launches Sketch Pad, directly from the Widget Bar, or when placed on a Home screen. For more information, see “*Sketch Pad*” on page 113.



**Tutorial:** Launches a Tutorial, with instructions and tips for using your phone. Touch to launch from Widget Bar, or place on a Home screen.



**Twitter:** Launches Twitter in Browser.



**WeatherBug:** Launches WeatherBug in Browser.



**YouTube:** Launches YouTube in Browser.



**Widget Settings:** Choose widgets for display on the Widget Bar. For more information, see “*Customizing the Widget Bar*” on page 21.

## Menu

The **Menu** is the starting point for launching applications and features. To access the menu:

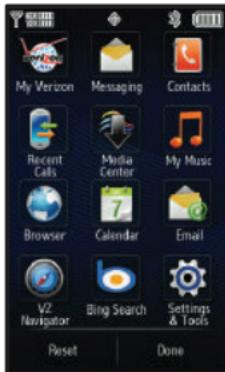
- From a Home screen, touch Menu.

Touch an item to open the application, feature or menu.

### Customizing the Menu

You can customize the Menu by adding or rearranging icons to your favorite applications.

1. From a Home screen, touch Menu → Settings & Tools → 5 Display Settings → 5 Main Menu Settings.
2. To replace an item, touch the item, then choose another item to replace it.
3. To rearrange items, touch and hold an item, then drag it to a new location.
4. Touch **Reset** to return items to their default locations.
5. Touch **Done** to save your changes.



## Menu Items

### Default

These items appear on the Menu by default.



**My Verizon:** Launches a Verizon Wireless mobile web site, to check your account details and status.



**Messaging:** Opens the Messaging menu. For more information, see "*Messaging*" on page 52.



**Contacts:** Opens the Contacts menu. For more information, see "*Contacts*" on page 40.



**Recent Calls:** Opens the Recent Calls menu. For more information, see "*Recent Calls*" on page 36.



**Media Center:** Opens the Media Center menu. For more information, see "*Media Center*" on page 86.



**My Music:** Launches Music Player. For more information, see "*Music Player*" on page 94.



**Browser:** Launches the Browser. For more information, see "*Browser*" on page 90.



**Calendar:** Launches the Calendar. For more information, see "*Calendar*" on page 110.



**Email:** Opens the Email menu. For more information, see "*Email*" on page 62.



**VZ Navigator:** Launches VZ Navigator®. For more information, see "*VZ Navigator®*" on page 116.



**Bing Search:** Launches Bing. For more information, see "*Bing Search*" on page 117.



**Settings & Tools:** Opens Settings & Tools. For more information, see "*Settings & Tools*" on page 66.

### Optional

You can customize the Menu to include these optional items:



**Alarm Clock:** Launches Alarm Clock. see "*Alarm Clock*" on page 111.



**Bluetooth Menu:** Opens the Bluetooth Menu. For more information, see "*Bluetooth Menu*" on page 68.



**Bluetooth On/Off:** Turns Bluetooth On or Off. See “*Turning Bluetooth On or Off*” on page 69.



**Calculator:** Launches the Calculator. For more information, see “*Calculator*” on page 109.



**Communities:** Launches the Communities application. See “*Communities*” on page 123.



**Device Search:** Launches Device Search. For more information, see “*Device Search*” on page 115.



**Games:** Opens the Games menu. For more information, see “*Games*” on page 89.



**My Pictures:** Launches My Pictures. For more information, see “*My Pictures*” on page 102.



**My Ringtones:** Launches My Ringtones. For more information, see “*My Ringtones*” on page 87.



**New TXT message:** Creates a new text message. See “*Creating and Sending Text Messages*” on page 52.



**New Picture Msg:** Creates a new picture message. See “*Creating and Sending Picture Messages*” on page 53.



**Tools:** Opens the Tools menu. See “*Tools, Applications and Widgets*” on page 109.

## Event Status Bar and Event Manager

The Event Status Bar appears on the Home screen to alert you to calendar events, missed calls, new messages, or special Master Volume modes. The Event Status Bar does not display when there are no active alerts.

Touch an event in the Event Status bar to launch the Event Manager.

### Event Status Bar

The Event Status bar appears near the bottom of the Home screen.



An icon illuminated in color indicates an alert. Touching an icon on the bar opens the Event Manager menu.

## Event Status Icons



**Volume:** Master Volume is set to Low, Medium Low, Medium, Medium High, or High.



**Alarm Only:** Master Volume is set to Alarm Only. Your phone will only ring when the set alarm sounds.



**Vibrate Only:** Master Volume is set to Vibrate Only. Your phone vibrates upon receiving a call, a new message or voicemail, or when an alarm has been set.



**All Sounds Off:** Master Volume is set to All Sounds Off. No sounds will play.



**New Message:** Illuminates when you receive a new message.



**New Voicemail:** Illuminates when you receive a voicemail message. (Available on the Verizon Wireless Network.)



**Missed Call:** Illuminates when you have one or more missed calls.



**Calendar Event:** Illuminates when events are scheduled in the next 24 hours.

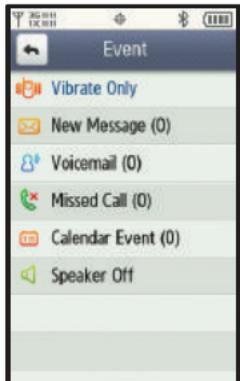


**Speakerphone:** When illuminated in color, you can hear the other party in a call through the speaker. When gray, you can hear the other party through the earpiece.

## Event Manager

The Event Manager offers easy access to common events and features.

1. Touch the Event Status bar on the Home screen.
2. Touch any Event to launch the associated feature.
3. Touch  to return to the Home screen.



## Section 3: Navigation

---

This section explains navigation for your phone. It also includes an outline of all menus available on your phone.

---

**Note:** Instructions in this User Manual apply to **Touch Screen Navigation**, except where noted.

---

### Touch Screen Navigation

---

**Warning:** If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, see "*Warranty Information*" on page 145.

---

#### Touch

Touch icons or menu items onscreen to select or launch them. Examples of touch actions include:

- Entering characters with the Dialer keypad.
- Selecting an item from a menu or list
- Launching an application from the main Menu.

#### Touch and Hold

Activate onscreen items by a Touch and Hold action with your finger. For example: touch and hold a widget on the home screen to move the widget.

#### Swipe

To Swipe, drag your finger vertically or horizontally across the screen. Use Swipe when:

- Unlocking the screen
- Scrolling between home screens
- Scrolling through a menu

#### Flick

Flick is similar to Swipe, except that you move your finger in quicker, lighter strokes, and Flick is always in a vertical motion. Use Flick when:

- Scrolling through the Contacts list.
- Scrolling through the widgets in the Widget Bar.
- Selecting items from a display, such as when setting an alarm.

## Keyboard Navigation

To access menus and options using the slide-out QWERTY keyboard:

Press the corresponding number key: **1** **2** **3** **4** **5** **6**  
**7** **8** **9** **0**.

Press the **Fn** key, then the corresponding key, to enter special characters: **\*** **#**.

Press the directional keys **Left**, **Right**, **Up** and **Down** to scroll in a menu or long text screen.

To accept the highlighted option or launch the selected application, press **OK**.

## Navigation Keys



### Lock Key

Press the **Lock** key at any time to lock the display.

### Clear/CLR Key

Press the **Clear/CLR** key when navigating a menu, to go back one level.

Press and hold the **Clear/CLR** key at any time to go to the Home screen.

## Menu Outline

This list shows items available from  Menu.

**Tip:** When navigating menus with the QWERTY keyboard, you can press the number key to select the corresponding menu item.

### My Verizon



### Messaging

- **1** New Message
  - **1** TXT Message
  - **2** Picture Message
  - **3** Video Message
  - **4** Voice Message
- **2** Messages
- **3** Drafts
- **4** Voicemail
- **5** Visual Voice Mail
- **6** Mobile IM
- **7** Email
- **8** Chat
- **9** Settings
- **0** Erase Options
  - **1** Erase Inbox
  - **2** Erase Sent

→ **3** Erase Draft

→ **4** Erase All



### Contacts

- **1** New Contact
- **2** Contact List
- **3** Backup Assistant
- **4** Groups
- **5** Speed Dials
- **6** Favorites
- **7** In Case of Emergency
- **8** My Name Card



### Recent Calls

- **1** Missed
- **2** Received
- **3** Dialed
- **4** All
- **5** View Timers



### Media Center

- **1** Music & Tones
  - **1** VCAST Music | Rhapsody
  - **2** Get New Ringtones
  - **3** My Ringtones

- **4** My Music
- **5** My Sounds
- **6** Sync Music
- **2** Picture & Video
  - **1** V CAST Videos
  - **2** Get New Pictures
  - **3** My Pictures
  - **4** My Videos
  - **5** Take Picture
  - **6** Record Video
  - **7** Online Album
- **3** Games
- **4** Browser
- **5** Browse & Download
- **6** Extras
- **7** Communities
- **8** Info
  - **1** App. Memory
  - **2** Phone Memory
  - **3** View Log
  - **4** Help

## My Music



**Browser**



**Calendar**



**Email**



**VZ Navigator**



**Bing Search**



**Settings & Tools**

- **1** My Verizon
- **2** Tools
  - **1** Voice Commands
  - **2** Calculator
  - **3** Calendar
  - **4** Alarm Clock
  - **5** Stop Watch
  - **6** World Clock
  - **7** Notepad
  - **8** Sketch Pad
  - **9** Timer

- **0** USB Mass Storage
- **\*** File Viewer
- **#** Device Search
- **3** Bluetooth Menu
- **4** Sounds Settings
  - **1** Master Volume
  - **2** Call Sounds
  - **3** Alert Sounds
    - **1** TXT Message
    - **2** Multimedia Message
    - **3** Voicemail
    - **4** Emergency Tone
    - **5** Missed Call
    - **6** Device Connect
  - **4** Keypad Sounds
  - **5** Digit Dial Readout
  - **6** Service Alerts
  - **7** Power On/Off
- **5** Display Settings
  - **1** Banner
    - **1** Personal Banner
    - **2** ERI Banner
  - **2** Backlight
  - **3** Widgets
  - **4** Wallpaper
- **5** Main Menu Settings
- **6** Fonts
- **7** Clock Format
- **8** Unlock Screen
- **9** Transition Effect
- **6** Touch Settings
- **7** Phone Settings
  - **1** Airplane Mode
  - **2** Set My Shortcuts
  - **3** Voice Commands
  - **4** Language
  - **5** QWERTY Action
  - **6** Location
  - **7** Current Country
  - **8** Security (requires lock code)
    - **1** Edit Codes
      - **1** Phone Only (requires lock code)
      - **2** Calls & Services (requires lock code)
    - **2** Restrictions (requires lock code)
      - **1** Location Setting
      - **2** Calls
      - **3** Messages
      - **4** Dial-Up Modem
    - **3** Phone Lock Setting
    - **4** Lock Phone Now

- **5** Restore Phone
- **6** Reset Settings
- **9** System Select
- **0** NAM Select
- **\*** Motion Detection
- **8** Call Settings
- **9** Memory
  - **1** Save Options
  - **2** Phone Memory
    - **1** Memory Usage
    - **2** My Pictures
    - **3** My Videos
    - **4** My Ringtones
    - **5** My Music
    - **6** My Sounds
    - **7** My Contacts
    - **8** Move All to Card
  - **3** Card Memory (if optional card installed)
    - **1** Memory Usage
    - **2** My Pictures
    - **3** My Videos
    - **4** My Ringtones
    - **5** My Music
    - **6** My Sounds
    - **7** My Contacts
- **8** Move All to Phone
- **9** Format Card
- **0** USB Mode
- **\*** Phone Info
- **1** My Number
- **2** SW/HW Version
- **3** Icon Glossary
- **4** Software Update
  - **1** Status
  - **2** Check New
- **#** Set-Up Wizard

## Section 4: Call Functions

This section describes how to make, answer and end a call. It also includes information about the Recent Calls log and voice dialing with Voice Commands.

### Making a Call

Your phone offers multiple ways to make calls:

- Use the touchscreen Dialer to enter a telephone or speed dial number.
- Use the QWERTY keyboard to enter a telephone or speed dial number.
- Call a contact from Contacts, or from the Favorites widget.
- Return a call, or call a recent caller via Recent Calls.
- Voice dial using Voice Commands.

#### Touch Screen Dialer

To access the Dialer:

- From a Home screen, touch Dialer.

#### Making a Call using the Dialer

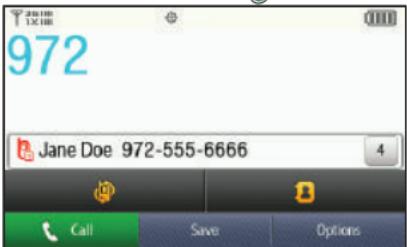
1. From a Home screen, touch Dialer.
2. Touch the digits of the telephone or speed dial number.
  - Touch **Groups** to call member(s) of a group.
  - Touch **Favorites** to call a favorite contact.
  - Touch **Recent Calls** to find a recent call.
  - Touch **Contacts** to find a contact.
  - Touch **Backspace** to delete digits if you enter an incorrect number.
3. Press Call or Send to dial the call.



**Tip:** As you touch numbers, matching contacts display on screen. You can continue dialing, or touch the contact to dial their default number.

## Making a Call using the QWERTY keyboard

1. Slide open the phone.
2. From a Home screen, touch  Dialer.



3. Press the digits of the telephone or speed dial number on the QWERTY keypad.
  - Touch **Groups** to call member(s) of a group.
  - Touch **Favorites** to call a favorite contact.
  - Touch  **Recent Calls** to find a recent call.
  - Touch  **Contacts** to find a contact.
  - Press  Backspace to delete characters.

**Tip:** As you press numbers, matching contacts display on screen, with the number of potential matches (4, in the example above). You can continue dialing, touch the contact to dial their number, or touch the number to display all potential matches.

4. Touch  or  Send to dial the call.

**Note:** When using the QWERTY keyboard, calls are automatically made in Speakerphone mode.

## Making a Call using Contacts

A contact is an entry that you have created to store the name, numbers, and other information for people or groups of interest. For more information, refer to “*Contacts*” on page 40.

1. From a Home screen, touch  **Contacts**.
2. Find the contact and touch  Call on the entry to dial the default number for the Contact.

– or –

Touch the **Contact** to open the entry, then touch any number to dial the number.

## Ending a Call

- Press the  End/Power key.

## Answering a Call

When you receive an incoming call, you have the option to answer the call, or to send calls directly to voicemail. You can also send the caller a text message response, while sending their call to voicemail.

To answer an incoming call:

- Touch **Answer** or press  **Send** to answer the call.

---

**Tip:** You can quickly silence the ringer for an incoming call by touching **Quiet** or pressing the  **Volume** key.

With **Motion Detection**, you can silence the ringer by flipping the phone face down. For more information, see "*Motion Detection*" on page 80.

## Answering Call-Waiting Calls

When you receive a call while on a call:

- Touch **Answer** to answer the incoming call. The original call is placed on hold.
- Touch **Switch Call** to return to the original call.

## Sending Calls to Voicemail

- Touch **Ignore** to send the call to voicemail.
- Touch **Ignore + TXT** to send the call to voicemail and send a text message to the caller.

## Call-In-Progress Options

While in a call, touch an icon for the following options:



**Speaker On/Off:** Turn the speakerphone on or off.



**Mute/Unmute:** Mute/unmute your voice.



**Bluetooth:** Access Bluetooth functionality.



**Notepad:** Open Notepad.



**Whisper Mode:** Boost the volume of your voice when the caller cannot hear you clearly.



**End Call:** Disconnect the call.



**Dialer:** Display the Dialer.



**Contacts:** Open Contacts.

## Options

**Options:** Touch these options:

- **New TXT Message:** Create a new text message.
- **Recent Calls:** Display the Recent Calls logs.
- **Bluetooth Menu:** Display the Bluetooth menu.
- **Main Menu:** Display the Main menu.
- **Voice Privacy:** Encrypt the call to prevent eavesdropping.

## Three-way Calling

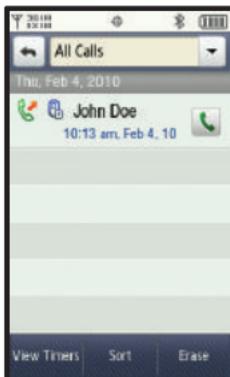
Using your phone, you can merge two calls to set up three-way calling between you and two other parties.

1. Establish a call, either by dialing or answering an incoming call.
2. While the call is in-progress with the first participant, dial the second phone number and touch Call. The first call is placed on hold.
3. When the second party answers, touch Merge Calls. The call becomes active with three parties.

## Recent Calls

**Recent Calls** saves information about all calls.

1. From a Home screen, press Send.
2. Touch a call type in the drop-down list:
  - **All Calls:** All missed, received, and dialed calls.
  - **Missed Calls:** Calls you did not answer.
  - **Received Calls:** Answered calls.
  - **Dialed Calls:** Outgoing calls.
  - **Blocked Calls:** All blocked incoming calls; if blocking is active in Phone Settings. For more information, see “*Security*” on page 77.
3. Calls display by date, with the contact name or phone number, date, and time.  
Touch View Timers to display statistics.  
Touch Sort to sort the calls by Length or Name.  
Touch Erase to mark call records for deletion.



**Note:** You can also access Recent Calls from a Home screen by touching Menu → Recent Calls.

## Recent Calls Icons

In Recent Calls, the icon indicates the type of call.



**Received Calls:** Answered calls.



**Dialed Calls:** Outgoing calls you dialed.



**Missed Calls:** Calls you did not answer.

## Making Calls Using Recent Calls

1. From a Home screen, press  Send.

– or –

From a Home screen, touch  Menu →  Recent Calls.

2. Find a call from All Calls, Missed Calls, Received Calls, or Dialed Calls.
3. Touch 

## Creating/Updating a Contact using Recent Calls

Create a contact, or update an existing contact, from a Recent Calls log.

1. From a Home screen, press  Send.  
– or –  
From a Home screen, touch  Menu →  Recent Calls.
2. Find a call from All Calls, Missed Calls, Received Calls, or Dialed Calls, and touch the call.
3. Touch .
4. At the Add to Contacts prompt, choose Add New Contact or Update Existing. Continue entering contact information.

## Send a Message using Recent Calls

1. From a Home screen, press  Send.  
– or –  
From a Home screen, touch  Menu →  Recent Calls.
2. Find a call from All Calls, Missed Calls, Received Calls, or Dialed Calls, and touch the call.

3. Touch  **Msg**. Choose **New TXT Msg**, **New Picture Msg**, **New Video Msg**, or **New Voice Msg**. For more information about creating and sending messages, see “*Messaging*” on page 52.

## Voice Commands

Your phone includes **Voice Commands**, advanced speech recognition software that allows you to use your voice to look up contacts, make phone calls, and get calendar information.

There is no need to “train” Voice Commands, it is designed to recognize natural speech.

- Press the  **Voice Commands** key.

The following is a list of functions you can perform using Voice Commands speech recognition on your phone.

- **Call <Name or #>**: Dial a call by saying a Name in your Contacts List, a Name and a Location (home, work, mobile) or the phone number.
- **Send <MSG Type>**: Send a text, picture, or video message to a number or to someone in your Contacts List.
- **Go To <Menu>**: Open any application installed on your device.
- **Check <Item>**: View details of your phone status, Voicemail, Messages, Missed Calls, Time, Signal Strength, Battery Level, Volume Level, Balance, Minutes, Payment, and My Number.
- **Contacts <Name>**: Open a contact record from Contacts.

- **Redial**: Allows you to call the last number dialed.
- **Play <Playlist>**: Opens the My Music menu, plays songs in a playlist or all songs.
- **My Verizon**: Launches the My Verizon application.
- **Help**: Provides a helpful tutorial on using Voice Commands.

## Voice Commands Settings

1. From a Home screen, press the  **Voice Commands** key.
2. Touch **Settings** to configure these settings:
  - **Confirm Choices**: Control when the system asks you to confirm a name or number, from **Automatic**, **Always Confirm**, or **Never Confirm**.
  - **Sensitivity**: Choose the sensitivity of the speech recognition. Choose from **More Sensitive**, **Automatic**, or **Less Sensitive**.
  - **Adapt Voice**: Optimize speech recognition to your voice to improve results. Touch **Adapt Voice**, then follow the prompts.
  - **Prompts**: Choose the type of prompts Voice Commands gives you.
    - **Mode**: Choose the type of prompts, from **Prompts** (voice prompts), **Readout + Alerts** (reads out each screen and alert), **Readout** (reads out each screen) or **Tones Only** (plays back only tones).
    - **Audio Playback**: Set playback location, Speakerphone or Earpiece.
  - **TXT Msg Readout**: When enabled, the phone reads text messages as playback.

- **Key Setting:** Choose how to launch Voice Commands, **Voice Key Only** (press the Voice Commands key on side of phone), or **Voice Key/Headset** (Press the Voice commands key, or insert a headset.)
- **About:** View information about Voice Commands.

---

**Tip:** Press **Info** for descriptions of these Voice Commands settings.

---

## Roaming

### **What is Roaming?**

When you travel outside your home network's coverage area, your phone can roam to acquire service on other compatible digital networks. When roaming is active, the roaming icon  appears in the Annunciator line.

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when making or receiving calls.

---

**Note:** Contact Verizon Wireless for more information about your coverage area and service plan.

---

You can choose settings for system selection and roaming. For more information, see "*System Select*" on page 80.

## **TTY Mode**

Your phone is TTY-compatible, allowing you to connect TTY equipment to the phone's headset jack. For more information about TTY settings, see "*TTY Mode*" on page 81.

## Section 5: Contacts

This section describes how to manage your daily contacts by saving contact information for your friends, colleagues or business acquaintances.

To access **Contacts**:

1. From a Home screen, touch  **Contacts**.

2. The default view is **Contact List**. Touch the pull-down list to choose another view, from **Backup Assistant, Groups, Speed Dials, Favorites, In Case of Emergency, or My Name Card**.



### Adding a New Contact

1. From a Home screen, touch  **Contacts** →  **New Contact**.
2. Touch the **Image** and assign a picture to the new entry from **My Pictures**, or choose **Take Picture** to take a new picture with the Camera.

3. Touch fields to enter the contact information, then touch  **Done** to save each field.
4. When you're finished, touch  **Save** to save the contact.

### Adding a new Contact from the Dialer

You can quickly add a new contact by entering the number into the Dialer, then following the prompts to complete the process.

1. From a Home screen, touch  **Dialer**.
2. Enter the phone number using the touch keypad or QWERTY keyboard, then touch  → **1. Add New Contact**.
3. Touch a field to save the number: **Mobile 1, Mobile 2, Home, Business, or Fax**.
4. You can save the contact now, or continue entering fields.
5. When you're finished, touch  **Save** to save the contact.

## **Adding a new Contact from Recent Calls**

1. From a Home screen, touch  Menu →  Recent Calls.  
– or –  
From a Home screen, press  Send.
2. Scroll through the list of calls and touch the number.
3. Touch  Save → Add New Contact.
4. Touch a field to save the number: **Mobile 1, Mobile 2, Home, Business, or Fax.**
5. You can save the contact now, or continue entering fields.
6. When you're finished, touch  Save to save the contact.

## **Editing a Contact**

1. From a Home screen, touch  Contacts.
2. Touch an existing contact, then touch Edit.
3. Touch fields to enter the contact information, then touch  Done to save each field.
4. When you're finished, touch  Save to save the contact.

## **Editing a Contact from the Dialer**

You can add a new number to a contact by entering the number into the Dialer, then following prompts to complete the process.

1. From a Home screen, touch  Dialer.
2. Enter the phone number, then touch  Save → **2. Update Existing.**
3. Touch an existing contact, then touch a field to save the number: **Mobile 1, Mobile 2, Home, Business, or Fax.**
4. You can save the contact now, or continue entering fields.
5. When you're finished, touch  Save to save the contact.

## **Editing a contact from Recent Calls**

1. From a Home screen, touch  Menu →  Recent Calls.  
– or –  
From a Home screen, press  Send..
2. Find a call from **All Calls, Missed Calls, Received Calls, or Dialed Calls**, and touch the call.
3. Touch  Save → **Update Existing.**

4. Touch an existing contact, then touch a field to save the number: **Mobile 1**, **Mobile 2**, **Home**, **Business**, or **Fax**.
5. You can save the contact now, or continue entering fields.
6. When you're finished, touch  to save the contact.

## Adding Pauses or Waits

Calls to automated systems can require entry of a password or account number. You can store the numbers to a Contacts entry, along with special pause and wait characters.

1. From a Home screen, touch  **Contacts**.
2. While entering phone number in a contact entry, enter the phone number up to the pause or wait, then touch .
3. Touch an option:
  - **2. Add 2-Sec Pause:** Stops the dialing sequence for two seconds, then automatically sends the remaining digits. A "p" appears in the telephone number.
  - **3. Add Wait:** Stops the dialing sequence, waiting for further input from you. A "w" appears in the telephone number.
4. After your entry, touch  to save the contact entry.

---

**Note:** Entering multiple pauses extends the length of a pause. For example, two consecutive pauses equal a total pause of four seconds. Remember that each pause counts as a digit towards the 48-digit maximum for telephone numbers.

---

## Finding a Contact

### Finding a contact in landscape mode

1. From a Home screen, touch  **Contacts**.
2. The cursor appears in the **Search** field. Enter part or all of the Contact name to see matching entries.



---

**Tip:** You can also find a Contact with **Device Search**. For more information, see "*Device Search*" on page 115.

---

## Finding a contact in portrait mode

1. From a Home screen, touch  Contacts.
2. Touch and hold the **Accelerator Tab**, then slide the tab to the letter range corresponding to the first letter of the entry's first name. (The list is alphabetized by first name.)



## Backup Assistant

**Backup Assistant** is a wireless service that saves a copy of your Contacts to a secure web site. If your phone is lost, stolen or damaged, Backup Assistant can restore your saved contacts to a new phone, wirelessly. You can schedule backups to save your information manually or automatically. Log in to your web account for full access to your contacts for viewing, printing, adding, deleting and editing.

Visit <http://www.verizonwireless.com/backupassistant>, or contact Verizon Wireless for more information.

- From a Home screen, touch  Contacts, then choose **Backup Assistant** from the drop-down list.

## Groups

You can place Contact entries into **Groups**, to make searching your Contacts faster, to quickly send messages to one or more group members, and more.

---

**Note:** By default, new entries to your Contacts are placed into the No Group category unless a specific group category is selected.

---

## Viewing Groups

1. From a Home screen, touch  Contacts.

- Choose Groups from the pull-down list. Default groups include:
  - Business
  - Colleague
  - Family
  - Friends



## Adding Contacts to a Group

After selecting the desired group, you can add up to 10 Contacts from your Contact List to the group.

- From a Home screen, touch **Contacts** → **Groups**.
- Touch a Group, then touch .
- From the Contacts list, touch contact(s) to mark them for addition, then touch .

## Removing a Contact from a Group

- From a Home screen, touch **Contacts** → **Groups**.
- Touch a Group, then touch .

- Touch contacts to mark them for removal, then touch . Touch **Yes** at the prompt to confirm.

## Moving a Contact to Another Group

- From a Home screen, touch **Contacts**.
- Touch a contact to display the contact entry.
- Touch , then touch **Group**.
- Touch the old group to uncheck it, then touch a new group.
- Touch to return to the contact entry.
- Touch to save the contact entry.

## Creating a New Group

In addition to the default groups already in your phone, you can create new groups, up to a total of 30 groups.

- From a Home screen, touch **Contacts** → **Groups**.
- Touch , then enter a group name, up to 32 characters.
- Touch .

## Sending a Message to Members of a Group

Use this feature to send a text, picture, video, or voice message to some or all members of a group.

1. From a Home screen, touch  Contacts → Groups.
2. Touch , then choose New TXT Message, New Picture Message, New Video Message, or New Voice Message.
3. Touch contact name(s), or touch **Mark All** to select all contacts. A check mark appears beside selected contacts.
4. Touch  Done. The new message displays, with your selections entered as recipients.
5. Continue creating the message, then touch  to send the message.

## Speed Dials

Speed Dials are 1- or 2-digit shortcuts you assign to contact entries, to allow you to quickly dial a contact.

## Assigning a Speed Dial Number

1. From a Home screen, touch  Contacts → Speed Dials.
2. Touch the desired speed dial number.
3. Touch a contact to assign to the speed dial number. At the prompt, touch Yes to confirm the setting.

## Favorites

**Favorites** are shortcuts to contacts or groups. For each Favorite, you can set a one-touch action for the phone to perform when you select a favorite. After creating Favorites, access them by:

- Touching the Favorite on the  Favorites widget on a home screen.
- Touching **Favorites** in the **Dialer**.

To create a Favorite:

1. From a Home screen, touch  Contacts → Favorites.
2. Touch  . Touch **Contacts** to choose a contact, or **Groups** to choose a group.
3. Touch **Edit** to modify the Favorite. Choose:
  - **Remove**: Follow the prompts to mark Favorites for removal.
  - **Set One-Touch Action**: Select from **Always Call**, **Always Message**, **Always Ask**, or **Always View Detail**.
4. Change the order of Favorites by dragging and dropping a favorite to a new location.



## In Case of Emergency (ICE)

**In Case of Emergency (ICE)** allows you to set up to 3 emergency contacts, plus enter personal information that may be helpful to others using your phone in an emergency.

Note: ICE contacts are displayed in red in the Contacts list.

### Assigning an emergency contact

1. From a Home screen, touch  **Contacts** → **In Case of Emergency**.
2. Touch **Contact 1**, **Contact 2**, or **Contact 3**.
3. Touch **From Contacts** to choose a contact, or **New Contact** to create a new contact.
4. Select or enter a contact.



### Unassigning or reassigning an emergency contact

1. From a Home screen, touch  **Contacts** → **In Case of Emergency**.

2. Touch the emergency Contact.

3. Touch **Re-assign** to choose another ICE contact.

– or –

- Touch **Unassign** to remove the contact and leave the ICE contact empty.

### Entering personal information

1. From a Home screen, touch  **Contacts** → **In Case of Emergency**.
2. Touch **Personal Info**.
3. Touch **Note 1**, **Note 2** or **Note 3** to enter up to three items of personal information.

**Tip:** You can enter information such as illnesses, allergies, and other medical details in **Personal Information**.

### My Name Card

**My Name Card** is your personal contact entry in Contacts, which you can send as a virtual business card to recipients via message attachment or by Bluetooth.

**Note:** Option numbering may differ when an optional memory card is installed.

## **Creating My Name Card**

1. From Home screen, touch  **Contacts** → **My Name Card**.
2. In most cases, your telephone number is entered by default. Touch  to enter additional fields.
3. When finished, touch  to save the Name Card.

## **Sending a Name Card by Message**

Send individual contact entries, including My Name Card, to recipient(s) as an attachment to a message.

1. From a Home screen, touch  **Contacts** →  → **1. Send Name Card**.
2. Choose a message type, from **1. TXT Message**, **2. Picture Message**, **3. Video Message**, or **4. Voice Message**.
3. Touch contact name(s) to mark them, then touch  to add the contacts to the To: list of the message.
4. Continue creating the message. See “Messaging” on page 52.

## **Sending a Name Card by Bluetooth**

Send individual contacts, including My Name Card, to Bluetooth devices that support vCards.

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**Note:** For more information, see “Bluetooth Menu” on page 68.

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1. From a Home screen, touch  **Contacts** →  → **1. Send Name Card** → **5. Bluetooth**.
2. Touch contact name(s) to mark them, then touch .
3. Touch the destination device.

---

**Note:** If your phone is not already paired with the destination device, follow the Bluetooth Search instructions on page 70.

---

4. If Auto Pairing is enabled, the devices pair automatically and the transfer continues. If Auto Pairing is disabled, enter a passkey when prompted, then enter the same passkey on the destination device at its prompt.
5. Follow the prompts to complete and confirm the transfer.

---

**Note:** All information will be transferred except for group name, ringtone, and Emergency contact reference.

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## Section 6: Entering Text

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Your phone provides convenient ways to enter words, letters, punctuation, and numbers when you need to enter text.

This section describes selecting the text input mode and entering characters, using the built-in QWERTY keyboard or the Dialer keypad.

### Entering Text Using the QWERTY Keyboard

The built-in QWERTY keyboard provides quick and easy text input, similar to a computer keyboard.

- ▶ To access the keyboard, rotate the phone and slide it open, as shown.



### Entering Characters

Enter text by pressing the appropriate keys on the QWERTY keyboard.

Press the Backspace or Return key to position the insertion point in the text field.



**Backspace:** Deletes the previous character.



**Return:** Moves the insertion point to the next line.

### Entering Numbers

Press the number keys on the top row of the QWERTY keyboard.

### Entering Upper and Lower Case

Enter upper and lower case alphabet letters by pressing the Shift key to toggle the case, before pressing the character key:



- Press once to toggle from Abc to ABC.
- Press twice to toggle from ABC to abc.
- Press three times to toggle from abc to Abc.

## Entering Symbols

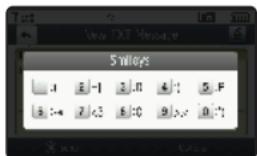
Enter symbols by pressing the Function key before a key, to access the orange special character on the key. You can also lock the keyboard in Function mode, to enter multiple symbols.

- Press once to turn on Fn mode. When Function is ON, **[Fn]** appears in the annunciator line.
- Press twice to lock the keyboard in Fn mode. When Function is LOCKED, **[FN]** appears in the annunciator line.
- Press once more to return to Abc mode.

## Entering Smileys

Smileys communicate feelings such as pleasure, approval or humor.

1. Press **[Fn] → Space ☺**.
2. The Smiley menu displays. Touch the number of the smiley.



## Entering Text using the Touch Screen

The touch screen keypad provides quick and easy text input, using standard text entry for phone keypads.

- When you touch a text entry field in portrait mode, the touch screen keypad appears for text entry.

## Changing Text Input Mode

When entering text with the touch screen keypad, you can change the text input mode to your preference.

**Tip:** You can set a default Text Entry Mode. For more information, see “Message Settings” on page 64.

1. On the onscreen keypad, touch the **Text Input Mode** button.

Select a text input mode:

- **T9 Word** T9 Word
- **Abc** Initial case
- **ABC** Upper case
- **123** Numeric
- **Symbols** Symbols



## Touch Screen Text Input Buttons



**Directional key:** Navigate through the text.



**Hide/Display keypad:** Hide or display the keypad.



**Backspace:** Delete the previous character, or go back to the previous field.



**Shift:** Temporarily change the case for alphabet characters, without changing text input mode. Touch once to change case for one character, or touch twice quickly to lock the case until you press Shift again.



**Next:** In T9 Word mode, scroll through words matching your key touches.



**Space:** Add spaces between words and characters.

## Using T9 Word

T9 Word is a predictive text input mode that recognizes common words matching the sequence of your key presses and inserts the most common word into your text. T9 Word *requires only one key press per letter* of the word and is much faster than traditional text entry.

► Touch the Text Input Mode button, then select **T9 Word**.

When entering text:

- Press the key for each letter only once.
- If the correct word isn't chosen automatically, touch **Next→** to choose another word.
- Enter the entire word before editing or deleting.
- By default, the first letter of an entry is capitalized and consecutive letters are lower case. Touch **Shift↑** to change between T9 Word (initial case), and T9 word (lower case), and T9 WORD (upper case).
- Touch **Space↓** to enter a space.

## Using Abc Mode

To use Abc mode, use the corresponding keys to enter your text.

► Touch the Text Input Mode button, then select **Abc**.

When entering text:

- Touch each key once for the first letter, twice for the second letter, and so on.
- When the correct letter appears, pause briefly to advance to the next letter, or touch another key.
- Touch **Space↓** to enter a space.
- By default, the first letter of an entry is capitalized and consecutive letters are lower case. Touch **Shift↑** to change between Abc (initial case), abc (lower case), and ABC (upper case).

## **Using 123 Mode**

Use 123 mode to enter numbers into a text message.

- Touch the Text Input Mode button, then select **123**.

When entering numbers:

- Touch a key to enter the associated number.
- Touch **Space** to enter a space.

## **Using Symbols**

Use Symbol mode to insert symbols and punctuation marks into text.

- Touch the Text Input Mode button, then select **Symbols**.

The first of 5 symbol pages displays. When entering symbols:

- Touch a key to enter the associated symbol.
- To display more symbols, touch **1/5** to scroll through 5 pages of symbols.

## Section 7: Messaging

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This section explains how to send and receive messages, and other features and functionality associated with messaging.

### Types of Messages

Your phone can send and receive:

- Text Messages
- Picture Messages
- Video Messages
- Voice Messages
- Mobile IM
- Email, including Corporate Email
- Chat

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**Tip:** Procedures are described using the QWERTY keyboard, unless otherwise noted.

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### Creating and Sending Text Messages

**Text Messages** are simple messages containing text, which can be sent to another mobile phone, or to an Email address. Your phone also supports Enhanced Text Messages, which can contain specific types of pre-loaded attachments such as sounds, graphics and name cards.

Text messages are also known as SMS (Simple Messaging Service) messages.

1. From a Home screen, touch  **Message** →  **New Message** →  **1 TXT Message**.  
– or –  
From a Home screen, press  on the QWERTY keyboard.
2. Enter recipients:
  - Touch  to select from the Contacts List.
  - Touch  to select from Recent Calls.
  - Touch  to select from Favorites.
  - Touch the **Recipient** field to enter a recipient's phone number, contact name, or Email address manually. Touch  to insert common web or Email phrases, such as .com or @verizon.com.

---

**Tip:** As you enter the characters of a contact's name, matching contacts display. Touch the desired contact to add it to the field.

---

3. Touch the **Text** field, or press  to move to the **Text** field, and compose your message.

While entering text, touch  for these options:

- **Paste Text:** If copied text is available, insert the copied text into the text field.'
- **Save as Draft:** Save a copy of the message in the Drafts folder.
- **Insert Quick Text:** Choose from 19 pre-loaded phrases.
- **Add:** Add a graphic, animation, sound, or name card (not available if recipient is an Email address).
- **Copy Text:** If text is available for copying, select text to copy.
- **Edit Text Format:** Choose font size, alignment, style and color, plus message background color (not available if recipient is an Email address).
- **Sending Options:** Set the Priority, choose whether to include a Callback # in the message, and set the callback number.
- **Cancel Message:** Cancel the message, with the option to save it in the Drafts folder.

4. Touch  or press  **Send** to send the message.

## Creating and Sending Picture Messages

**Picture Messages** combine text, pictures, and sound, and can be sent to other mobile phones, to Email addresses, your Online Album, or a blog.

Picture messaging is also known as Multimedia Messaging (MMS).

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**Note:** Picture messaging is only available in the Verizon Wireless Enhanced Services Area.

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1. From a Home screen, touch  **Message** →  **New Message** →  **Picture Message**.

---

**Tip:** Sliding the QWERTY keyboard open immediately after taking a picture opens a New Picture Message screen.

---

2. Enter recipients:

- Touch  to select from the Contacts List.
- Touch  to select from Recent Calls.
- Touch  to select from Favorites.
- Touch  to post the message attachment(s) to Online Album, or to a blog.
- Touch the **Recipient** field to enter a recipient's phone number, contact name, or Email address manually. Touch  to insert common web or Email phrases, such as .com or @verizon.com.

3. Pictures you attach are placed on **Slides**. Touch and to navigate between **Slides**. Touch to add a new slide for a new picture.
4. Touch the **Text** field, or press to move to the **Text** field, and compose your message.  
While entering text, touch for these options:
  - **Paste Text:** If copied text is available, insert the copied text into the text field.
  - **Preview:** Display the message before sending.
  - **Save as Draft:** Save a copy of the message in the Drafts folder.
  - **Insert Quick Text:** Choose from 19 pre-loaded phrases.
  - **Copy Text:** If text is available for copying, copy text for pasting into a text field. To copy text, slide your finger across the text to highlight and touch **Copy**.
  - **Add Slide:** Add a new slide for another picture.
  - **Remove Slide:** If more than one slide, delete the current slide.
  - **Priority Level:** Choose High or Normal priority for sending.
  - **Cancel Message:** Cancel the message, with the option to save it in the Drafts folder.
5. Touch the **Picture** field, or press then , and attach a picture:
  - To insert an image from **My Pictures**, touch an image.

- Touch **Camera** to take a new picture.
  - Touch **Get New Pictures** to download a new picture.
- While adding a picture, touch for picture options:
- **Preview:** Display the message before sending.
  - **Save as Draft:** Save a copy of the message in the Drafts folder.
  - **Add Slide:** Add a new slide for another picture.
  - **Remove Slide:** If more than one slide, delete the current slide.
  - **Priority Level:** Choose High or Normal priority for sending.
  - **Cancel Message:** Cancel the message, with the option to save it in the Drafts folder.
6. Touch the **Sound** field, or press then , to add a sound:
    - To insert an image from **My Sounds**, touch a sound.
    - Touch **Record New** to create a new recording.
  7. Touch the **Subject** field, or press then , to add a subject, if desired.
  8. Touch the **Name Card** field, or press then , to add **My Name Card** or an entry from your **Contacts** list. Follow the prompts and touch to insert.
  9. Touch or press **Send** to send the message.

## Creating and Sending Video Messages

**Video Messages** combine text, videos, and sound, which can be sent to another mobile phones, to Email addresses, your Online Album, or a blog.

Video messaging is also known as Multimedia Messaging (MMS).

**Note:** Sliding the QWERTY keyboard open immediately after taking a video opens a New Video Message screen.

1. From a Home screen, touch  **Message** →  **New Message** →  **Video Message**.

2. Enter recipients:

- Touch  to select from the Contacts List.
- Touch  to select from Recent Calls.
- Touch  to select from Favorites.
- Touch  to post the message attachment(s) to Online Album, or to a blog.
- Touch the **Recipient** field to enter a recipient's phone number, contact name, or Email address manually. Touch  to insert common web or Email phrases, such as .com or @verizon.com.

3. Touch the **Text** field, or press  to move to the **Text** field, and compose your message.

While entering text, touch  for these options:

- **Paste Text:** If copied text is available, paste copied text into the text field.
- **Preview:** Display the message before sending.
- **Save as Draft:** Save a copy of the message in the Drafts folder.
- **Insert Quick Text:** Choose from 19 pre-loaded phrases.
- **Copy Text:** If text is available for copying, copy text for pasting into a text field. To copy text, slide your finger across the text to highlight and touch **Copy**.
- **Priority Level:** Choose High or Normal priority for sending.
- **Cancel Message:** Cancel the message, with the option to save it in the Drafts folder.

4. Touch the **Video** field, or or press  then  , and add a video to your message.

- To insert an image from **My Videos**, touch an image.
- Touch **Camcorder** to record a new video.

Touch a video to insert it into the message, then touch **Add**.

While adding a video, touch **Options** to choose options:

- **Preview:** Display the message before sending.
  - **Save as Draft:** Save a copy of the message in the Drafts folder.
  - **Priority Level:** Choose High or Normal priority for sending.
  - **Cancel Message:** Cancel the message, with the option to save it in the Drafts folder.
5. Touch the **Subject** field, or press then , to add a subject, if desired.
  6. Touch the **Name Card** field, or press then , to add **My Name Card** or an entry from your **Contacts** list. Follow the prompts and touch to insert.
  7. Touch or press **Send** to send the message.

## Creating and Sending Voice Messages

Send voice messages to another mobile phone or to an Email address.

1. From a Home screen, touch **Message** → **New Message** → **Voice Message**.
2. Create a voice recording:
  - Touch to start recording.
  - To pause recording, touch . Touch to start again.

- Touch to stop recording.

Touch **Save** to save the recording and add it to the message.

---

**Note:** While recording, the number to the right is an indicator of the time remaining for your recording.

---

### 3. Enter recipients:

- Touch to select from the Contacts List.
- Touch to select from Recent Calls.
- Touch to select from Favorites.
- Touch to post the message attachment(s) to Online Album, or to a blog.
- Touch the **Recipient** field to enter a recipient's phone number, contact name, or Email address manually. Touch to insert common web or Email phrases, such as .com or @verizon.com.

### 4. Your voice recording appears in the **Voice Recording** field. Touch the field to **Remove** or **Change** the recording.

### 5. Touch the **Text** field, or press to move to the **Text** field, and compose your message.

While entering text, touch **Options** for these options:

- **Paste Text:** If copied text is available, paste copied text into the field.

- **Preview:** Display the message before sending.
  - **Save as Draft:** Save a copy of the message in the Drafts folder.
  - **Insert Quick Text:** Choose from 19 pre-loaded phrases.
  - **Copy Text:** If text is available for copying, copy text for pasting into a text field. To copy text, slide your finger across the text to highlight and touch **Copy**.
  - **Priority Level:** Choose High or Normal priority for sending.
  - **Cancel Message:** Cancel the message, with the option to save it in the Drafts folder.
6. Touch the **Subject** field, or press then , to add a subject, if desired.
  7. Touch the **Name Card** field, or press then , to add **My Name Card** or an entry from your **Contacts** list. Follow the prompts and touch to insert.
  8. Touch or press **Send** to send the message.

## Receiving Messages

When you receive a message, you can choose to:

- **View Now:** Open the message for viewing.
- **View Later:** Dismiss the alert. The message can be viewed later in Messages. For more information about viewing messages, see “*Message Folders*” on page 59.

- **Reject:** If you have disabled the Multimedia Auto Receive setting, reject the message. The message is not saved to Messages.

## Viewing Text Messages

1. Touch a message to view its details.
2. Touch to respond to the message with a new TXT, Picture, Video or Voice Message.
3. Touch to delete the message.
4. While viewing a message touch to display available options:
  - **Forward:** Send the message to another recipient.
  - **Reply w. Copy:** Reply to the sender, plus other recipients if desired, and include a copy of the original message.
  - **Save Quick Text:** Save the message text to the Quick Text list.
  - **Lock/Unlock:** Lock or unlock the message to prevent deletion.
  - **Add To Contacts:** Save the number of the sender to Contacts as a new entry or addition to an existing entry.
  - **Messaging Font Size:** Select the font size of the message, Normal or Large.
  - **Extract Addresses:** Display all Contact Numbers, Email Addresses and URLs extracted from the message.
  - **Message Info:** Display details, including From (also provides the date and time the message was received), Callback #, Priority, Message Type, Size and Attachments (if any).

## Viewing Picture, Video or Voice Messages

1. Touch a message to view its details.
2. After loading, the attachment (and text if any) contained in the message appears in the display. Scroll the screen up to view the entire picture or message if necessary.
3. Touch  to respond to the message with a new TXT, Picture, Video or Voice Message.
4. Touch  while an attached sound or video is playing to mute the sound.
5. While viewing a message touch  to choose options:
  - **Play Again:** (Video, Voice, or Picture messages with attached sound) Replay the attached sound.
  - **Forward:** Send the message to another recipient.
  - **Reply w. Copy:** Reply to the sender, plus other recipients if desired, and include a copy of the original message.
  - **Erase:** (Video, Voice, or Picture messages with attached Sound) Delete the message.
  - **Save Picture:** (Picture and Video messages) Save the attached picture to My Pictures.
  - **Save As Ringtone:** (Video, Voice, or Picture messages with attached sound) Save the attached sound as a ringtone.
  - **Save Sound:** (Video, Voice, or Picture messages with attached sound) Save the attached sound to My Sounds.

- **View Name Card:** (If name card is attached) Display the attached name card.
- **Save Quick Text:** Save the message text to the Quick Text list.
- **Set As:** Set the attachment as a Picture ID or Ringtone.
- **Lock/Unlock:** Lock or unlock the message to prevent deletion.
- **Add To Contacts:** Save the sender's number to Contacts as a new entry or addition to an existing entry.
- **Extract Addresses:** Display all Contact Numbers, Email Addresses and URLs extracted from the message.
- **Message Info:** Display details, including From (plus the date and time the message was received), Callback #, Priority, Message Type, Size and Attachments (if any).

## Quick Reply

Use Quick Reply to send a simple text message when viewing messages in landscape mode. Just begin entering characters, and the text field will appear.

## Message Folders

Messages are stored in the message folders, depending on your selections for Inbox View in Message Settings.

**Tip:** To scroll through all messages in the Messages, Sent, or Drafts folder, open one message and swipe your finger quickly to the left to view the previous message, or right to view the next message.

### Viewing Messages by Contact

When the Inbox View setting is set to Contact, all incoming and sent messages are stored in the Messages folder, grouped by contact (the sender/recipient of the message), to provide a threaded view of the message exchange.

**Note:** For more information about the Inbox View setting, see “*Message Settings*” on page 64.

1. From a Home screen, touch  **Message** →  **2 Messages**.
2. The most recent message from each contact displays. Touch a contact to view the message thread.
3. Touch  to list messages by Name or Size.
4. To mark messages for deletion, touch .

5. While viewing a thread, touch a message to view the message detail.

For more information about viewing Text Messages, and available options, see “*Viewing Text Messages*” on page 57.

For more information about viewing Picture, Video and Voice Messages, and available options, see “*Viewing Picture, Video or Voice Messages*” on page 58.

### Viewing Messages by Time

When the Inbox View setting is set to Time, incoming messages are stored in the Inbox, and sent messages are stored in the Sent folder, sorted by time.

**Note:** For more information about the Inbox View setting, see “*Message Settings*” on page 64.

### Inbox

When the Inbox View setting is set to Time, incoming messages are stored in the Inbox message folder by date and time.

1. From a Home screen, touch  **Message** →  **2 Inbox**.
2. Touch  to create a new Text, Picture, Video or Voice message.

3. Touch  Sort to list messages by Sender or Size.
4. To mark messages for deletion, touch  Erase .
5. Touch the message that you wish to view. For more information about viewing Text Messages, and available options, see “*Viewing Text Messages*” on page 57.  
For more information about viewing Picture, Video and Voice Messages, and available options, see “*Viewing Picture, Video or Voice Messages*” on page 58.

## Sent

When the Inbox View setting is set to Time, outgoing messages are stored in the Sent message folder by date and time.

1. From a Home screen, touch  Message →  3 Sent.
2. Touch  New to create a new Text, Picture, Video or Voice message.
3. Touch  Sort to list messages by Recipient or Size.
4. To mark messages for deletion, touch  Erase .
5. Touch the message that you wish to view. For more information about viewing Text Messages, and available options, see “*Viewing Text Messages*” on page 57.

For more information about viewing Picture, Video and Voice Messages, and available options, see “*Viewing Picture, Video or Voice Messages*” on page 58.

## Drafts

Drafts are messages that have been created, but have not yet been sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

1. From a Home screen, touch  Message →  4 Drafts.
2. Touch  New to create a new Text, Picture, Video or Voice message.
3. To list messages by Recipient or Size, touch  Sort .
4. Touch  Erase to mark messages for deletion.

## View and Edit Draft Messages

1. Open your device in landscape mode, from a Home screen, touch  Message →  4 Drafts.
2. Touch the message you wish to view.
3. While viewing a message, touch  Edit to make changes to the message, or to add attachments.
4. While viewing a message, touch  Erase to erase the message.

- While viewing a message, touch **Options** for these options:
  - Send:** Send the message.
  - Lock/Unlock:** Lock the message to prevent deletion, or unlock to allow deletion.
  - Add to Contacts:** Add address(es) from the message to Contacts.

## Voicemail

---

**Note:** Standard Text Messaging charges do not apply when checking voicemail.

---

- From a Home screen, touch  **Message** →  **4 Voicemail** →  (at the bottom of the display).

For more information about setting up and checking Voicemail, see “*Voicemail*” on page 11.

## Visual Voice Mail

Visual Voice Mail provides a quick and easy way to access your voicemail. Find exactly the message you are looking for without having to listen to every voicemail message. Visual Voice Mail makes it quick and easy to choose the voicemails you want to listen to first. You can also send out your own Visual Voice Mail messages to select recipients.

- From a Home screen, touch  **Message** →  **5 Visual Voice Mail**.

- The first time you launch Visual Voice Mail, an introduction will play, and the application will download. Follow the prompts to download and install the application. After the application downloads, touch **Yes** to run the application.
- The first time you access Visual Voice Mail, you will be prompted “Do you want to use Visual Voicemail as the preferred way of checking voicemail?”. If you touch **OK** with “**Yes**” highlighted, the Voicemail Setting screen will display for you to set your preference for one-touch key(s) to access Visual Voice Mail.
  - Visual Voicemail:** Touch Visual Voicemail or call Voicemail # when you touch and hold 1.
  - Call Voicemail #:** Enter the Voicemail phone number to be dialed (if other than the default value of \*86).

---

**Tip:** Voicemail settings can also be configured in **Message Settings**. For more information, see “*Message Settings*” on page 64.

---

## Mobile IM

**Mobile IM** allows you to send and receive instant messages using one of the following communities:

- AOL® Instant Messenger™
- Windows Live Messenger
- Yahoo!®

---

**Note:** Create the Instant Message account using a PC before accessing it on your phone.

---

## Using Mobile IM

1. From a Home screen, touch  **Message** →  **Mobile IM**.
2. Touch your instant message community. Use the on-screen application specific functions and options to use the instant message applications.

## Email

Send, receive and view Email using **Mobile Email**, **Corporate Email**, or **Mobile Web Mail**.

---

**Tip:** In **Message Settings**, you can set a default Email client to launch when you touch  **Email** or choose **Messaging** → **Email**. For more information, see “*Message Settings*” on page 64.

---

## Mobile Email

1. From a Home screen, touch  **Message** →  **Email** →  **Mobile Email**.
2. Follow the on-screen prompts for subscribing to Mobile Email.

---

**Note:** Subscription rates apply for Mobile Email.

---

3. Touch to an Email provider:
  - **Yahoo! Mail**
  - **Windows Live Mail**
  - **AOL Mail**
  - **Verizon.net**
  - **Other**
4. Use the on-screen application specific functions and options to use the Email applications.

## **Corporate Email**

RemoSync™ offers tools to stay more productive by doing business directly from your phone. Using Microsoft® Exchange ActiveSync®, RemoSync connects your phone directly to an Microsoft Exchange server, providing real-time access to email, contacts, calendars and tasks.

---

**Note:** This is a paid service. The first time you launch Corporate Email, you'll be asked to agree to the monthly subscription fee and .

---

1. From a Home screen, touch  Message →  Email → **Corporate Email**.
2. The first time you launch Corporate Email, and introductory video will play, and the application will download. You will be asked to confirm the monthly subscription charge. Touch **Yes** to continue.
3. Once the application is installed successfully, **Yes** is highlighted. Touch to run the application.
4. After you have read the RemoSync introduction, follow the prompts to configure your account.

## **Mobile Web Mail**

1. From a Home screen, touch  Message →  Email → **Mobile Web Mail**.
2. Follow the on-screen prompts for subscribing to Mobile Email.
3. Touch to select one of the following Email providers:
  - Windows Live
  - AOL Mail
  - Yahoo! Mail
  - Verizon.net
  - Gmail– or –

Touch the search field to find another web Email provider.

4. Use the on-screen application specific functions and options to use the Email applications.

## **Chat**

Join wireless chat rooms from your phone. Send text messages and icons to many chat room participants or launch private one-on-one chat rooms. To access a chat room from the browser:

- From a Home screen, touch  Message →  Chat.

## Message Settings

Define settings for messages sent and received on your phone. To access your message settings, use the following steps:

- ▶ From a Home screen, touch  Message →  9 Settings.

Configure these settings:

- **Inbox View:** Set the default message view. Choose Time to display messages by time of receipt, or Contact to display messages by name or number (also known as threaded view).
- **Entry Mode:** Set the default text entry mode when using the touchscreen keypad. Choose from T9 Word, Abc, ABC or 123.
- **Auto Save Sent:** Choose the default save mode for sent messages. Choose On to save all sent messages, Off to discard sent messages, or Prompt to have the phone prompt you each time you send a message.
- **Auto Erase Inbox:** Choose On to automatically replace the oldest message of the same type when the maximum number of received messages of that type is exceeded in the Inbox. For example, When the Inbox exceeds 100 text messages, the first message in the list is replaced with the next incoming message. Picture messages are replaced when the phone's memory is full.
- **Messaging Font Size:** Set the default size for message text.
- **TXT Auto View:** Choose On to automatically display text messages when they arrive.

- **Multimedia Auto Receive:** Choose On to automatically accept new multimedia messages. Choose Off to be prompted to download new multimedia messages.
- **Quick Text:** Quick Text are pre-loaded phrases you can insert into the text of a message. You can create **New** quick text, **Move** the order of phrases, or **Erase** quick text phrases.
- **Voicemail Setting:** Select voicemail defaults:
  - **Speed Dial #1:** Set the default behavior when you dial Speed Dial #1, either Call Voicemail #, or Visual Voice Mail.
  - **Voicemail #:** Enter a new Voicemail dial sequence. The default sequence is \*86.
- **Callback #:** Select On to add a callback number to your messages, and set the callback number. The default callback number is your phone number.
- **Signature:** Choose On to add a signature to all messages, and create a signature.
- **Delivery Receipt:** Choose On to request delivery confirmation for messages.
- **Domain Extensions:** Create and manage a list of standard web and email extensions. Touch Erase to delete extensions, or New to create new domain extensions. Touch any extension to edit it.
- **Preferred Email:** Set your default email client, or select Let me choose to be prompted each time you launch Email.

## Erase Options

You can erase unlocked messages in your Inbox, Drafts folder, or Sent folder. Locked messages are not erased.

To erase messages:

1. From a Home screen, touch  Message →  0 Erase Options.
2. The following options are available:
  -  **Erase Inbox**: Erase unlocked messages in your Inbox.
  -  **Erase Sent**: Erase unlocked messages in your Sent folder.
  -  **Erase Drafts**: Erase unlocked messages in your Drafts folder.
  -  **Erase All**: Erase unlocked messages in all message folders.

## Section 8: Settings & Tools

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This section explains Settings for customizing your phone to your needs, and Tools for personal productivity.

### My Verizon

My Verizon connects to Verizon Wireless Mobile Web, where you can set up Favorites, choose available applications, and other services.

- ▶ From a Home screen, touch  Menu →  Settings & Tools → **1** My Verizon.

---

**Note:** You can also access My Verizon by touching **My Verizon** on the Menu or the **My Verizon** widget.

---

### Tools

The Tools menu provides personal productivity and information applications.

#### Voice Commands

Use Voice Commands to operate your phone by speaking commands. For more information about using Voice Commands, see “*Voice Commands*” on page 38.

- ▶ From a Home screen, touch  Menu →  Settings & Tools → **2** Tools → **1** Voice Commands.

### Calculator

The Calculator menu provides a mathematical Calculator, a Tip Calculator, and a Converter. For more information about using Calculator, see “*Calculator*” on page 109.

- ▶ From a Home screen, touch  Menu →  Settings & Tools → **2** Tools → **2** Calculator.

### Calendar

Use the Calendar to view a calendar and schedule events. For more information about using Calendar, see “*Calendar*” on page 110.

- ▶ From a Home screen, touch  Menu →  Settings & Tools → **2** Tools → **3** Calendar.

### Alarm Clock

Set up to three alarms using the Alarm Clock. For more information about using Alarm Clock, see “*Alarm Clock*” on page 111.

- ▶ From a Home screen, touch  Menu →  Settings & Tools → **2** Tools → **4** Alarm Clock.

## Stop Watch

Measure and record lap times with the Stop Watch. For more information, refer to “*Stop Watch*” on page 111.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Stop Watch.

## World Clock

View the current time in your location, plus any other time zone in the world. For more information, see “*World Clock*” on page 112.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  World Clock.

## Notepad

Record text notes using Notepad. For more information, see “*Notepad*” on page 112.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Notepad.

## Sketch Pad

Use Sketch Pad to draw a note using the touch screen.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Sketch Pad.

## Timer

Use Timer to set a timer.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Timer.

## USB Mass Storage

Use an optional microSD as a mass storage device when your phone is connected to a PC.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  USB Mass Storage.

## File Viewer

View files on an optional microSD card. For more information, see “*File Viewer*” on page 114.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  File Viewer.

## Device Search

Use Device Search to find files and other items on your phone. For more information, see “*Device Search*” on page 115.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Device Search.

## Bluetooth Menu

### About Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet, without requiring a physical connection.

You don't need to line up the devices to beam information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

---

**Tip:** When using many Bluetooth headsets, you can press the multi-function key on the headset to use the **Voice Commands** feature.

---

### Bluetooth Profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together.

---

**Tip:** You can find a list of supported profiles on your phone. Touch **Menu** → **Settings & Tools** → **Bluetooth Menu** → **Settings** → **Supported Profiles**.

---

Your phone supports these Bluetooth profiles:

- **Headset:** HSP profile supports use of a compatible Bluetooth headset for mono voice (see Note).

- **Handsfree:** HFP profile supports Bluetooth headsets, and may also support other installed compatible Bluetooth devices with speakerphone capabilities (see Note).
- **Dial Up Networking:** DUN profile allows the phone to be used as a data modem with a compatible Bluetooth device, such as a laptop or PDA.
- **Stereo:** A2DP, AVRCP, GAVDP, AVDTP and AVCTP profiles support delivery of stereo audio to a compatible Bluetooth device.
- **Phonebook Access:** PBAP profile allows sharing of your name card and phonebook entries with a compatible Bluetooth device.
- **Basic Printing:** BPP profile allows printing of JPEG files to a Bluetooth-enabled printer.
- **Basic Imaging:** BIP profile allows sending of non-protected images for storing and printing.
- **Object Push:** OPP profile allows sending and receiving of contact name cards (vCard) and calendar events (vCalendar) between devices.
- **File Transfer:** FTP profile allows the capability to send or receive non-protected data files to a compatible Bluetooth device.
- **Serial Port:** SPP profile allows a remote Bluetooth device to act as a virtual serial port.

---

**Note:** This phone does not support all Bluetooth profiles. For vehicle/accessory compatibility, contact Verizon Wireless.

---

## Bluetooth Settings

Bluetooth settings allow you to view and change the phone's name, display supported profiles, and set visibility and pairing.

1. From a Home screen, touch  Menu →  Settings & Tools →  Bluetooth Menu.
2. Touch  to for these settings:
  - **My Phone Name:** Displays the default name, and allows you to enter a new name.
  - **Discovery Mode:** Select **On** to allow other devices to detect your phone, or **Off** for no visibility. After setting Discovery Mode to **On**, your phone is visible for one minute, after which Discovery Mode automatically turns **Off**.
  - **Supported Profiles:** Displays a list of supported Bluetooth profiles. Touch a profile to view a description.
  - **Auto Pairing:** Select **On** to allow your phone to pair with other Bluetooth devices without entering a passkey, or **Off** to prevent automatic pairing.

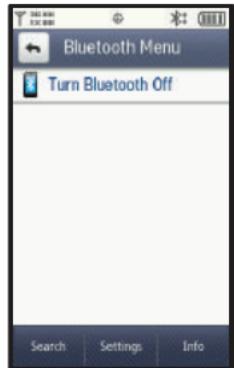
## Turning Bluetooth On or Off

When Bluetooth is turned on, you can use Bluetooth features.

When Bluetooth is turned off, you cannot send or receive.

To save battery life, or in situations where use of wireless devices is prohibited, such as airline travel, you can turn off Bluetooth.

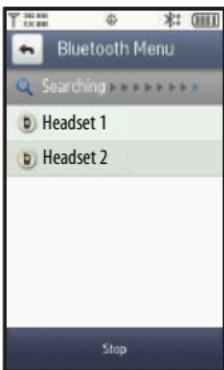
1. From a Home screen, touch  Menu →  Settings & Tools →  Bluetooth Menu.
2. Touch **Turn Bluetooth On** or **Turn Bluetooth Off**. When Bluetooth is on, the Bluetooth icon  appears in the top line of the display.



## Search

Use Search to detect, and pair with, nearby discoverable Bluetooth devices.

1. From a Home screen, touch  Menu →  Settings & Tools →  Bluetooth Menu.
2. Touch Search.
3. At the prompt “**Place device you are searching in discoverable mode**, activate the device’s Bluetooth discoverable mode and touch **OK**.
4. Available Bluetooth devices appear on the Bluetooth Menu.
5. Touch a device to begin pairing.
  - **Automatic Pairing:** If you have enabled Auto Pairing in Bluetooth Settings, and the selected device supports it, your phone sends a default passkey to the device and pairs automatically.
  - **Pairing with Passkey:** Enter a passkey (create one, or use the device’s specific passkey) at the **ENTER PASSKEY** prompt on your phone, then touch **Done**. You may also be prompted to enter the same passkey on the other device.



6. After connecting, the **Bluetooth Connected** icon  appears in the upper half of the display.

## Sounds Settings

Customize your phone’s sounds for incoming calls and messages, alerts, and other phone features.

### Master Volume

Set the level for all sounds made by your phone.

1. From a Home screen, touch  Menu →  Settings & Tools →  Sound Settings →  Master Volume.
2. Touch the desired volume level. Available levels are:
  - **All Sounds Off:** No sounds are played.
  - **Alarm Only:** Sounds are played for alarms, but not for ringtones or other alerts.
  - **Vibrate Only:** No sounds are played, but the phone vibrates for incoming calls and messages, alarms and other alerts.
  - **1 Low:** All sounds are played at low volume.
  - **2 Medium Low:** All sounds are played at medium low volume.
  - **3 Medium:** All sounds are played at medium volume.
  - **4 Medium High:** All sounds are played at medium high volume.
  - **5 High:** All sounds are played at high volume.
3. Touch  to save your selection and return to the menu.

## Call Sounds

Set sounds for incoming calls.

1. From a Home screen, touch  Menu →  Settings & Tools →  4 Sound Settings →  2 Call Sounds.
2. Touch the **Call Ringtone** field to select from a list of pre-loaded ringtones. Touch  Get New Ringtones to download a ringtone application to download new ringtones.

---

**Note:** Charges may apply for downloads.

---

3. Touch **Call Vibrate** to select a vibration pattern for use along with the Call Ringtone for incoming calls, or select **Off**.
4. Touch the **Caller ID Readout** field to choose caller ID notification on incoming calls. Choose from **Ring Only**, **Caller ID + Ring**, or **Name Repeat**.
5. Touch  to save your selection and return to the menu.

## Alert Sounds

Choose sounds for incoming message alerts, emergency tone, missed calls and device connection.

1. From a Home screen, touch  Menu →  Settings & Tools →  4 Sound Settings →  3 Alert Sounds.
  - **TXT Message:** Choose a Tone, Vibrate setting, and Reminder options for incoming text messages.
  - **Multimedia Message:** Choose a Tone, Vibrate setting, and Reminder options for incoming picture and video messages.
  - **VoiceMail:** Choose a Tone, Vibrate setting, and Reminder options for new voicemail messages.
  - **Emergency Tone:** Set the alert for emergency dialing.
    - **Alert:** Phone plays the Emergency Dialing tone except when the Master Volume setting is Vibrate or All Sounds Off.

---

**Note:** If Emergency Tone is set to **Alert** and Master Volume is set to **Vibrate**, the handset will vibrate after emergency dialing.  
If Emergency Tone is set to **Alert** and the Master Volume is set to **All Sounds Off**, the handset will not sound after emergency dialing.

---

– **Vibrate:** Phone will vibrate only.

---

**Note:** If Emergency Tone is set to **Vibrate** and Master Volume is set to **All Sounds Off**, the handset will not sound after emergency dialing.

---

– **Off:** Phone will not play the Emergency Tone or vibrate.

- **Missed Call:** Set a notification for missed calls.
  - **Device Connect:** Choose whether a tone is played when you connect the phone to another device.
2. Touch to save your selection and return to the menu.

## Keypad Sounds

Set the volume for sounds played for keypad touches.

1. From a Home screen, touch Menu → Settings & Tools → 4 Sound Settings → 4 Keypad Sounds.
2. Touch the keypad volume level for keypad touches, from Off, Low, Medium Low, Medium, Medium High or High.
3. Touch to save your selection and return to the menu.

## Digit Dial Readout

Enable or disable readout of numbers as you dial.

1. From a Home screen, touch Menu → Settings & Tools → 4 Sound Settings → 5 Digit Dial Readout.
2. Touch **On** to have the phone read the numbers as you dial in the Dialer, or **Off** to
3. Touch to save your selection and return to the menu.

## Service Alerts

Enable or disable sounds to alert you to system or service status.

1. From a Home screen, touch Menu → Settings & Tools → 4 Sound Settings → 6 Service Alerts.
2. Choose **On** or **Off** for these Service Alerts:
  - **ERI:** Sounds an alert when you enter and exit your coverage areas.
  - **Minute Beep:** While on a call, beeps after every minute of usage.
  - **Call Connect:** An alert sounds when a call connects and ends.
  - **Software Update:** An alert sounds when update is complete.
3. Touch to save your selection and return to the menu.

## Power On/Off

Enable or disable the playing of sounds when you power the phone on and off.

1. From a Home screen, touch Menu → Settings & Tools → 4 Sound Settings → 7 Power On/Off.
2. Set **On** or **Off** to control the sounds played at **Power On** and **Power Off**.
3. Touch to save your selection and return to the menu.

## Display Settings

Customize the phone's display screens.

### Banner

Create a personal greeting to appear on the Home screen, or display network status.

#### Personal Banner

1. From a Home screen, touch  Menu →  Settings & Tools → **5** Display Settings → **1** Banner → **1** Personal Banner.
2. Enter up to 18 characters, then touch  to save changes and return to the menu.

---

**Note:** When you create a Personal Banner, it automatically appears on the Home screen.

---

#### ERI Banner

Enable or disable and customize a banner to show network status.

1. From a Home screen, touch  Menu →  Settings & Tools → **5** Display Settings → **1** Banner → **2** ERI Banner.

2. Touch **On** or **Off** to control display of an ERI banner containing network information on the Home screen.
3. Touch **Color** to select a font color for the ERI banner.
4. Touch  to save your selection and return to the menu.

### Backlight

Set the backlight for the display or touch keypad to remain on for a specified period of time.

---

**Note:** Prolonged backlight use drains the battery. The backlight setting also determines how long the screen is illuminated before locking.

---

1. From a Home screen, touch  Menu →  Settings & Tools → **5** Display Settings → **2** Backlight.
2. Touch the field to change the following settings:
  - **Screen Backlight:** 7 seconds, 15 seconds, 30 seconds, or 60 seconds.
  - **Keypad Backlight:** 7 seconds, 15 seconds, 30 seconds, or Always On.
  - **Brightness:** Auto (predefined setting) or Manual (customized setting). For Manual, touch and drag the Level slider to choose a brightness level from 0-5.
3. Touch  to save your selection and return to the menu.

## Widgets

Select Widgets for display in the Widget Bar on the Home screen.

- From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  3 Widgets.

For more information, see “*Widgets and the Widget Bar*” on page 20.

## Wallpaper

Select a background image for the Lock Screen and Home screens.

1. From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  4 Wallpaper.
2. Touch an image to select it, then:
  - To choose images from your phone, choose a source from the drop-down menu: **All Pictures** (all images stored on the phone and microSD card), **Phone**, or **Memory Card**.
  - To purchase additional images, touch  **Get New Pictures**. For more information, refer to “*Get New Pictures*” on page 88.
  - To capture a new image, touch  **Camera**. For more information, see “*Using the Camera*” on page 99.
3. Choose a background location: **Lock Screen**, **Home Screen 1**, **Home Screen 2** or **Home Screen 3**.
4. Touch  to save your selection and return to the menu.

## Main Menu Settings

Customize the features and applications available on the Main Menu. For more information about customizing the Menu, see “*Menu*” on page 23.

- From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  5 Main Menu Settings.

## Fonts

Set the size of fonts in the Dialer, and the font style for menus.

1. From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  6 Fonts.
2. Touch the **Dial Font Size** field and select **Normal** or **Large**.
3. Touch the **Menu Font Style** field and select a font type.
4. Touch **Lock Screen Font Color** and select a font color.
5. Touch  to save your selection and return to the menu.

## Clock Format

Set the format for the Clock widget.

1. From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  7 Clock Format.
2. Touch **Show Date** to display the date on the Clock.

3. Touch the desired Clock Format.
4. Touch  to save your selection and return to the menu.

## Unlock Screen

By default, pressing the Lock key illuminates the screen for unlocking. Use the Unlock Screen setting to allow pressing any key to illuminate the screen.

1. From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  8 Unlock Screen.
2. Touch **Unlock Screen** and choose **Lock Key Only** or **Any Key**.
3. Touch  to save your selection and return to the menu.

## Transition Effect

Activate or deactivate the default animation effect during transitions between menu/options pages.

1. From a Home screen, touch  Menu →  Settings & Tools →  5 Display Settings →  9 Transition Effect.
2. Touch **On** (activate) or **Off** (deactivate).

## Touch Settings

Touch Settings let you set options for: Auto Lock, Vibrate Level, Sound, Volume Level and Calibration.

1. From a Home screen, touch  Menu →  Settings & Tools →  6 Touch Settings.
2. Make selections for these settings:
  - **Auto Lock:** Control whether the display automatically locks when the backlight turns off.
  - **Vibrate Level:** Set the vibration level for touch screen feedback.
  - **Sound:** Select a sound for touch screen feedback.
  - **Volume Level:** Set the volume level for the touch sound.
  - **Calibration:** Align the touch screen, in case the phone does not respond accurately to screen touches.

## Phone Settings

### Airplane Mode

When **Airplane Mode** is activated, all wireless functions of the phone are disabled, and you cannot send or receive calls or messages, but you can use the other features of your phone.

1. From a Home screen, touch  Menu →  Settings & Tools →  7 Phone Settings →  1 Airplane Mode.
2. Touch **On** to activate Airplane Mode, or **Off** to deactivate.

3. Touch  to save your selection and return to the menu.

## Set My Shortcuts

Set shortcuts for up to 12 applications, to display on the My Shortcuts widget.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Set My Shortcuts.

## Voice Commands

Choose settings for the Voice Commands feature of your phone.

1. From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Voice Commands.

2. Make these selections:

- **Confirm Choices:** Choose whether the phone prompts you with a list of potential matches. Touch **Automatic**, **Always Confirm**, or **Never Confirm**.
- **Sensitivity:** Set the sensitivity of speech recognition. Touch **More Sensitive**, **Automatic** or **Less Sensitive**.
- **Adapt Voice:** Train digit dialing and name dialing to your voice.
- **Prompts** Select the following settings for Voice Command prompts:
  - Choose a **Mode**. Touch **Prompts**, **Readout + Alerts**, **Readout**, or **Tones Only**.
  - Choose **Audio Playback** to select audio playback through the **Speakerphone** or **Earpiece**.

- **txt Msg Readout:** Choose whether text messages are read. Touch **On** or **Off**.

- **Key Setting:** Select the method for launching Voice Command.

- Choose **Voice Key Only** to launch with the Voice key.

- Choose **Voice Key / Headset** to launch with the voice key, OR when you attach an optional headset.

- **About:** View information about the voice recognition software.

3. Touch  to save your selection and return to the menu.

## Language

Choose the language for the phone's operation and displays.

1. From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Language.
2. Touch **English** or **Español**.
3. Touch  to save your selection and return to the menu.

## QWERTY Action

**QWERTY Action** allows you to choose how the phone will react when you begin entering characters at the landscape Home screen.

1. From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  QWERTY Action.

- Choose the launch action:
  - Off:** No action is taken.
  - TXT Message:** Create a new text message.
  - Contacts:** Open Contacts to find a contact.
  - Notepad:** Launch Notepad to create a new note.
- Touch  to save your selection and return to the menu.

## Location

**Note:** Location service is only available on the Verizon Wireless network. It is not available when roaming.

The Location setting determines whether your phone's GPS (Global Positioning System) location is available to the network at all times, or only when you've dialed 911.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Location.
- Select a setting:
  - Location On:** GPS location is available to the network.
  - E911 Only:** GPS location available only when you dial 911.
- Touch  to save your selection and return to the menu.

## Current Country

Select your current location.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Current Country.
- Touch the country name. If your current location is not highlighted, touch and drag the Accelerator Tab to the range corresponding to the first letter of the country's name.
- Touch  to save your selection and return to the menu.

## Security

Lock your phone, set restrictions, and other security options.

**Note:** Access to all Security settings requires the lock code. By default, the Lock Code is the last four digits of your phone number.

**Important:** For security reasons, your phone does not display the lock code. If you change the lock code, be sure to record the new code for future reference.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Security.

## Edit Codes

Set a new lock code of your preference.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Security.

Enter the lock code when prompted. The default lock code is the last four digits of your telephone number.

- Touch  Edit Codes to select a lock code:
  - Phone Only:** For unlocking the handset only.
  - Calls & Services:** For access to Calls & Services.
- Enter the new lock code at the “ENTER NEW CODE” prompt.
- Enter the new lock code again at the “RE-ENTER NEW CODE” prompt.
- Touch  to save your selection and return to the menu.

## Restrictions

You can set restrictions for receiving calls, messages and the use of your phone as a modem.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Security.

Enter the lock code when prompted. The default lock code is the last four digits of your telephone number.

- Touch  Restrictions.

Enter the Calls and Services Code when prompted. The default code is the last four digits of your telephone number.

- Make the following selections:

- Location Setting:** Options are Lock Setting and Unlock Setting.
- Calls:** Choose whether to restrict Incoming Calls and Outgoing Calls. Choose to **Allow All**, accept or dial calls from **Contacts Only**, or **Block All**.
- Messages:** choose whether to restrict Incoming Messages and Outgoing Messages. Choose to **Allow All**, or **Block All**.
- Dial-Up Modem:** **Allow** or **Block** use of the phone as a dial-up modem.

- Touch  to save your selection and return to the menu.

## Phone Lock Setting

Set the default locking behavior of your phone.

- From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Security.

Enter the lock code when prompted. The default lock code is the last four digits of your telephone number.

- Touch  Phone Lock Setting to select:

- **Unlocked:** The phone is unlocked by default.
  - **On Power Up:** The phone is automatically locked when you turn it on. You can make phone calls, but the lock code is required to access other features.
3. Touch to save your selection and return to the menu.

## Lock Phone Now

Manually lock your phone.

1. From a Home screen, touch Menu → Settings & Tools → 7 Phone Settings → 8 Security.

Enter the lock code when prompted. The default lock code is the last four digits of your telephone number.

2. Touch 4 Lock Phone Now.

The Home screen displays. To unlock, touch **Unlock** and enter the lock code at the prompt.

## Restore Phone

Return all settings to factory defaults and erase all user data.

**Warning!**: Choosing **Restore Phone** will return your phone to the default settings and permanently erase all user data, including pictures, videos, music, messages, contacts and downloaded applications stored on the phone.

---

**Note:** After your phone powers back on, you must enter \*228 and press to re-program your phone.

1. From a Home screen, touch Menu → Settings & Tools → 7 Phone Settings → 8 Security.

Enter the lock code when prompted. The default lock code is the last four digits of your telephone number.

2. Touch 5 Restore Phone.
3. At the prompt, touch **Yes** to reset and restore default settings, or **No** to return to the Security menu.

## Reset Settings

Return all settings to factory defaults. This setting does not erase user data such as pictures, videos, music, messages, contacts or downloaded applications stored on the phone.

1. From a Home screen, touch Menu → Settings & Tools → 7 Phone Settings → 8 Security.

Enter the lock code when prompted. The default lock code is the last four digits of your telephone number.

2. Touch 6 Reset Settings.
3. At the prompt, touch **Yes** to reset settings, or **No** to return to the Security menu.

## System Select

Set system selections for roaming. For more information about roaming, see “*Roaming*” on page 39.

**Note:** Contact Verizon Wireless for more information about your coverage area and service plan.

1. From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  System Select.
2. Choose a system selection setting:
  - **Home Only:** Your phone is only active in your home network's coverage area. When outside the coverage area, your phone will not roam, and call functions and other features will not be available.
  - **Automatic:** Your phone automatically acquires service wherever available, using on Verizon Wireless' network and roaming partners.
3. Touch  to save your selection and return to the menu.

## NAM Select

Select the primary NAM (Number Assignment Module).

1. From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  NAM Select.
2. Touch **NAM1** or **NAM2**.
3. Touch  to save your selection and return to the menu.

## Motion Detection

Your phone can detect the motion of flipping the phone face-down. When set to On, the flipping the phone face-down will:

- Temporarily mute the ringer for an incoming call.
- Snooze a ringing alarm.

1. From a Home screen, touch  Menu →  Settings & Tools →  Phone Settings →  Motion Detection.
2. Choose a setting: **Off** or **On**.

## Call Settings

Select options related to call functions.

## Answer Options

Select methods for answering incoming calls.

1. From a Home screen, touch  Menu →  Settings & Tools →  Call Settings → Answer Options.
2. Choose a setting:
  - **Slide Open:** Answer calls by opening the slide.
  - **Any Key:** When slide is open, answer calls by pressing any key on the QWERTY keyboard.
  - **Auto w/ Handsfree:** When using a handsfree device, answer calls automatically after a 5 second delay.
3. Touch  to save your selection and return to the menu.

## Show Dialpad

Select settings for displaying the dialpad during phone calls.

1. From a Home screen, touch Menu → Settings & Tools → Call Settings → Show Dialpad.
2. Touch an option to activate:
  - **Always On:** Always displays while you're on a call.
  - **VoiceMail:** Displays while you're checking voicemail.
  - **Toll Free:** Displays on calls to toll-free numbers.
  - **Number:** Displays when you dial the number you enter.
3. Touch to save your selection and return to the menu.

## Auto Retry

Select automatic retry settings for calls.

1. From a Home screen, touch Menu → Settings & Tools → Call Settings → Auto Retry.
2. Choose a retry setting:
  - **10 Seconds**
  - **30 Seconds**
  - **60 Seconds**
  - **Off**
3. Touch to save your selection and return to the menu.

## TTY Mode

Before using your phone with a TTY device, you'll need to enable the TTY functions.

1. From a Home screen, touch Menu → Settings & Tools → Call Settings → TTY Mode.
2. At the prompt “**Enabling TTY will disable headset audio. Continue?**”, touch **Yes** to proceed to **TTY Mode**.
3. Touch a TTY mode:
  - **TTY Full**
  - **TTY + Talk (VCO)**
  - **TTY + Hear (HCO)**
  - **TTY Off**
4. Touch to save your selection and return to the menu.

## One Touch Dial

Enable or disable the speed dialing feature. For more information about using speed dials, see “*Speed Dials*” on page 45.

1. From a Home screen, touch Menu → Settings & Tools → Call Settings → One Touch Dial.
2. Choose **On** to enable one-touch dialing, or **Off** to disable.
3. Touch to save your selection and return to the menu.

## Voice Privacy

Note: This feature is only available on the Verizon Wireless network.

Enable or disable advanced voice encryption.

1. From a Home screen, touch  Menu →  Settings & Tools →  Call Settings → Voice Privacy.
2. Touch **On** to enable voice privacy, or **Off** to disable voice privacy.
3. Touch  to save your selection and return to the menu.

## Data Settings

Select a port for connections to the phone, and set connection speed.

1. From a Home screen, touch  Menu →  Settings & Tools →  Call Settings → Data Settings.
  - **Select Port:** Choose **NONE** to allow no connections, **USB** to allow connections to the USB port, or **BLUETOOTH** to allow connections via Bluetooth.
  - **Port Speed:** Select a speed, from **19200**, **57600**, **115200**, **230400**, or **460800**.
2. Touch  to save your selection and return to the menu.

## DTMF Tones

Set DTMF tone length.

1. From a Home screen, touch  Menu →  Settings & Tools →  Call Settings → DTMF Tones.
2. Select a tone length: **Normal** or **Long**.
3. Touch  to save your selection and return to the menu.

## Assisted Dialing

Enable assisted dialing, set a reference country and enter standard codes and prefixes to allow easier dialing of international calls.

1. From a Home screen, touch  Menu →  Settings & Tools →  Call Settings → Assisted Dialing.
2. Touch **On** to enable **Assisted Dialing**, or **Off** to disable.
3. Touch **Reference Country** and select your home location.
4. Touch  to enter codes and prefixes.
  - **Country Code**
  - **IDD Prefix**
  - **NDD Prefix**
  - **Area Code**
  - **National Number Length**

5. Touch  Save to save settings, or  Reset to reset defaults.
6. Touch  to save your selection and return to the menu.

## Memory

Manage memory settings for saving pictures, videos, music, sounds, and ringtones to your phone's memory and optional microSD™ memory card.

**Note:** Your phone does not include a microSD™ memory card. You can purchase a microSD card as an accessory. Consult your service provider for more information.

- From a Home screen, touch  Menu →  Settings & Tools →  Memory.

## Save Options

Choose the default location for pictures, videos and sounds.

1. From a Home screen, touch  Menu →  Settings & Tools →  Memory →  1 Save Options.
2. Select a save location for **Pictures**: Phone or optional Card.
3. Select a save location for **Videos**: Phone or optional Card.
4. Select a save location for **Sounds**: Phone or optional Card.
5. Touch  to save your selection and return to the menu.

## Phone Memory

View memory usage on the phone's memory.

1. From a Home screen, touch  Menu →  Settings & Tools →  9 Memory →  2 Phone Memory.
2. Touch a setting:
  -  **1 Memory Usage**: View Available, Used and Total memory, and current memory usage for My Pictures, My Videos, My Ringtones, My Music, My Sounds, Applications and Multimedia Messages.
  -  **2 My Pictures**: Pictures saved from a Picture message, downloaded via "Media Center", or taken using Camera.
  -  **3 My Videos**: Video Clips saved from a Video message, downloaded via "Media Center", or taken using your phone.
  -  **4 My Ringtones**: Ringtones you have downloaded via "Media Center".
  -  **5 My Music**: Music downloaded from V CAST Music or transferred from your PC using Sync Music.
  -  **6 My Sounds**: Sounds you have downloaded, recorded using your phone, or saved from a Picture message with Sound attached.
  -  **7 My Contacts**: Contacts saved on your phone.
  -  **8 Move All To Card**: Move all movable files to an optional card. The card must be inserted for this option to appear.

## Card Memory

View the memory usage on the optional microSD™ memory card. This menu will only appear if a card is inserted.

1. From a Home screen, touch  Menu →  Settings & Tools →  Memory →  Card Memory.
2. Touch a setting:
  -  **Memory Usage:** View Available, Used and Total memory, and current memory usage for My Pictures, My Videos, My Ringtones, My Music, My Sounds and My Contacts.
  -  **My Pictures:** Pictures saved from a Picture message, downloaded via "Media Center", or taken using Camera.
  -  **My Videos:** Video Clips saved from a Video message, downloaded via "Media Center", or taken using Camcorder.
  -  **My Ringtones:** Ringtones downloaded via "Media Center".
  -  **My Music:** Music downloaded from V CAST Music, or transferred from your PC using Sync Music.
  -  **My Sounds:** Sounds downloaded, recorded using your phone, or saved from a Picture message with Sound attached.
  -  **My Contacts:** Contacts saved on your phone.
  -  **Move All To Phone:** Move all movable files to phone memory.
  -  **Format Card:** Erase all files from the memory card.

---

**Warning!**: Repeated formatting will shorten the life of the card.

---

## USB Mode

Your phone will automatically detect connection of a Samsung USB data cable from your computer to the phone. USB Mode settings allow you to set the default behavior when a USB data cable is connected.

1. From a Home screen, touch  Menu →  Settings & Tools →  USB Mode.
2. Touch a setting to activate it:
  - **Media Sync Mode:** When a USB data cable is connected, your device is ready to sync media like music, pictures, and videos from your PC to the microSD memory card inserted in your phone.

---

**Note:** Media Sync Mode will not appear as an option if you do not have a memory card inserted in your phone's microSD card slot.

---

- **Modem Mode:** Allows the use of the Verizon Wireless Mobile Office kit to utilize your handset as a modem for your computer. This may require additional service activation available through Verizon Wireless.
- **Ask On Plug:** You will be asked to select the USB mode each time the USB data cable is connected from your phone to the USB port of your computer.

## Phone Info

View software and hardware information, your assigned telephone number, an icon glossary, and manage software updates.

1. From a Home screen, touch  Menu →  Settings & Tools →  Phone Info.
2. Touch  My Number to display the Mobile Device and the Mobile Identification (your telephone number) numbers.
3. Touch  SW/HW Version to view the version of software, PRL, ERI, Browser, Media Center, MSUI, Hardware, and MEID of your phone.
4. Touch  Icon Glossary to view Announcer line icons and descriptions.
5. Touch  Software Update to check the status of your phone's software and to check for new software updates for download to your phone.
6. Touch  to return to the menu.

## Set-Up Wizard

Set nine basic parameters, to start using your phone quickly.

1. From a Home screen, touch  Menu →  Settings & Tools →  Set-Up Wizard.

2. Follow instructions on the screen to set your preferences.

3. Available settings:

- **Call Sound:** Choose how incoming calls are announced.
- **Ringtone:** (Available if you've chosen Ringtone Only or Ring and Vibrate for Call Sound.) Select a ringtone for incoming calls.
- **Vibrate Level:** Set a vibration level for touch screen feedback.
- **Tone Level:** Set a level for touch screen tone feedback.
- **Feedback Tone:** Set a tone for touch screen feedback.
- **Wallpaper:** Choose an image for the home screen.
- **Menu Font:** Set the size of menu displays.
- **Dial Font:** Select the size of Dialer fonts.
- **Main Clock:** Choose a style for the main clock.

Touch **Next** to move to the next setting. You can skip any setting by touching **Next**.

Touch **Done** when finished.

4. Touch  to return to the menu.

## Section 9: Media Center

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Media Center includes applications for creating, viewing and managing multimedia content, right on your phone.

You can also view memory info to see how much space you've used (and have left) for stored media.

- From a Home screen, touch  Menu →  Media Center.

---

**Note:** Before downloading any music, tones, pictures, videos, games, etc., check the available memory. For more information, see "Memory" on page 83.

---

### Music & Tones

**Music & Tones** offers features and applications for managing songs, tones and sounds.

#### **V CAST Music with Rhapsody** (Subscription, Wireless and PC Downloads)

**V CAST Music with Rhapsody®** is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites in an extensive music catalog. For more information, see "*V CAST Music with Rhapsody*" on page 92.

- From a Home screen, touch  Menu →  Media Center  
→  **Music & Tones** →  **VCAST Music | Rhapsody**.

### Get New Ringtones

Use **Get New Ringtones** to download ringtones and ringback tones.

---

**Note:** Charges apply for downloading ringtones, in addition to airtime for downloads. Consult Verizon Wireless for more information.

---

1. From a Home screen, touch  Menu →  Media Center →  **Music & Tones** →  **Get New Ringtones**.
2. Touch **VZW Tones Deluxe**. The first time you launch VZW Tones Deluxe, you're prompted to accept the terms and conditions and download the application. Touch  beside **VZW Tones Deluxe** to configure the application:
  -  **View Properties**: Display information about the application.
  -  **Lock/Unlock**: Lock the application to prevent unauthorized downloads, or unlock.
  -  **Remove**: Uninstall the application.
  -  **Upgrade Check**: Check for updates to the application.
3. Use the onscreen buttons to locate and download tones.
4. Touch  **Get New Applications** to find other ringtone applications.

## **My Ringtones**

1. From a Home screen, touch  Menu →  Media Center →  Music & Tones →  My Ringtones.
  2. Touch a ringtone for these options:
    - **Set As:** Set the tone as a Ringtone, Contact ID or Alert Tone.
    - **File Info:** View information about the tone.
- Use the onscreen buttons to preview tones:
- Touch  to play the tone.
  - To stop playback, touch .
  - Touch  to adjust the volume during playback.
3. Touch  to browse and download new tones.

## **My Music**

Use **My Music** to launch Music Player to play music files. For more information, see “*Music Player*” on page 94.

- From a Home screen, touch  Menu →  Media Center →  My Music.

## **My Sounds**

Use **My Sounds** to record and manage sounds on your phone.

1. From a Home screen, touch  Menu →  Media Center →  Music & Tones →  My Sounds.
  2. Touch a sound for these options:
    - **Set As:** Set the sound as a Ringtone, Contact ID or Alert Tone.
    - **Send:** Send the sound in a message.
    - **File Info:** View information about the sound.
- Use the onscreen buttons to preview sounds:
- Touch  to play the sound.
  - To stop playback, touch .
  - Touch  to adjust the volume during playback.

## **Recording a Sound**

1. From a Home screen, touch  Menu →  Media Center →  Music & Tones →  My Sounds.
2. Touch **Record New**, then choose the type of recording:
  - **For Voice Message:** Record a new sound for a Voice Message
  - **To Save as Sound File:** Save the recording to My Sounds.
3. Use the onscreen buttons to control recording:
  - Touch  to start recording.

- To pause recording, touch .
  - Touch  to end the recording.
  - To review the recording, touch  to play it.
  - Touch  to adjust the volume during playback.
4. Touch  . If you chose **For Voice Message**, a new Voice message opens to send the sound.

## Sync Music

Use **Sync Music** to transfer music from your phone to your PC.

1. From a Home screen, touch  Menu →  Media Center →  1 Music & Tones →  6 Sync Music.
2. Plug the Samsung USB cable into your phone and connect it to a USB port on your PC.
3. On your phone, at the “Select USB Mode” prompt, touch **Media Sync Mode**.

---

**Tip:** You can set a default USB Mode in Settings. For more information, see “**USB Mode**” on page 84.

---

4. At the prompt on the PC, select a sync method:
  - **Open device to view files using Windows Explorer.** Drag and drop files from the PC to your phone.

- **Sync digital media files using Windows Media Player.** Use Windows Media Player on the PC to manage your phone’s music.
  - **Manage the device using Rhapsody.** For more information, see “*V CAST Music with Rhapsody (Subscription, Wireless and PC Downloads)*” on page 86.
5. Transfer music files to your phone. When finished, you can disconnect the USB cable.

## Picture & Video

### V CAST Videos

**V CAST Videos** V CAST provides access to vibrant, full-color video-on-demand from some of the biggest names in entertainment.

- From a Home screen, touch  Menu →  Media Center →  2 Picture & Video →  1 V CAST Videos.

For more information, see “*V CAST Videos*” on page 107.

### Get New Pictures

1. From a Home screen, touch  Menu →  Media Center →  2 Picture & Video →  2 Get New Pictures.
2. Follow the on-screen prompts to download pictures from the Media Center server. Subscription charges may apply.

## **My Pictures**

Use **My Pictures** to view, edit and manage images stored on your phone. For more information, see “*My Pictures*” on page 102.

- From a Home screen, touch  Menu →  Media Center  
→ **2** Picture & Video → **3** My Pictures.

## **My Videos**

Use **My Videos** to view and manage videos stored on your phone. For more information, see “*My Videos*” on page 106.

- From a Home screen, touch  Menu →  Media Center  
→ **2** Picture & Video → **4** My Videos.

## **Take Picture**

Take pictures with your phone’s built-in 3.2 megapixel camera. For more information, see “*Using the Camera*” on page 99.

- From a Home screen, touch  Menu →  Media Center  
→ **2** Picture & Video → **5** Take Picture.

## **Record Video**

Use the built-in Camcorder to record videos. For more information, see “*Using the Camcorder*” on page 104.

- From a Home screen, touch  Menu →  Media Center  
→ **2** Picture & Video → **6** Record Video.

## **Online Album**

Store pictures and videos to your Verizon Wireless Online Album.

---

**Note:** Before using Online Album, set up your account by visiting the Verizon Wireless website at [www.verizonwireless.com](http://www.verizonwireless.com).

---

1. From a Home screen, touch  Menu →  Media Center → **2** Picture & Video → **7** Online Album.  
The Browser launches, displaying the Online Album login screen.
2. Enter your login credentials and touch **Sign In**.

## **Games**

Play fun and interesting **Games**, right on your phone.

1. From a Home screen, touch  Menu →  Media Center → **3** Games.
2. To play a game, touch the game in the list.
3. Touch **Get New Applications** to browse and download additional games. Choose **Subscription** or **Unlimited**, then follow the prompts to download and install games.

## Browser

Use your phone's built-in **Browser** to access the internet.

- From a Home screen, touch  Menu →  Media Center  
→ **4** Browser.

For more information about using Browser, see “*Browser*” on page 118.

## Browse & Download

Use **Browse & Download** to load applications on your phone

1. From a Home screen, touch  Menu →  Media Center → **5** Browse & Download.
2. The list of default applications displays. Touch to download the application and follow the onscreen prompts.
3. To download new applications, touch **Get New Applications** and browse for new applications. Follow the online screen prompts to download and install the applications.
4. At the **App Installed successfully?** prompt, touch **Yes** to run it, or **No** return to the list.

---

**Note:** The **Browse & Download** menu displays all downloaded applications, with the most current download first.

---

## Extras

1. From a Home screen, touch  Menu →  Media Center → **6** Extras.
2. Touch to select the application you wish to download or touch to browse and download additional applications.
3. At the **App Installed successfully?** prompt, touch **Yes** to run it, or **No** return to category list.

## Communities

**Communities** provides a single point for accessing online communities, such as Facebook, Flickr, YouTube and MySpace.

- From a Home screen, touch  Menu →  Media Center  
→ **7** Communities.

---

**Tip:** You can also use the  widget to launch **Communities**.

---

For more information, see “*Communities*” on page 123.

## Info

Info provides details about memory, logs, and help for using applications.

1. From a Home screen, touch  Menu →  Media Center →  Info.
2. Touch  App. Memory to view information about memory used and available for applications.
3. Touch  Phone Memory to view details about the phone's internal memory.
4. Touch  View Log to view logs of phone operations, if available.
5. Touch  Help to display Help topics about buying, downloading, installing and using applications.

## Section 10: Music

---

This section describes how to use the music features of your phone to play, download, and manage your music files.

### V CAST Music with Rhapsody

#### (Subscription, Wireless and PC Downloads)

V CAST Music with Rhapsody® is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites in an extensive music catalog.

Download V CAST Music with Rhapsody to your PC to sync tracks, albums, and playlists to your new phone, while managing your existing PC music library, all in one place.

V CAST Music with Rhapsody is compatible with Windows® 7, Vista or XP Service Pack 2, with the latest Windows updates and the latest Windows Media Player. MAC OS and Linux are not supported.

For complete system requirements, and to download V CAST Music with Rhapsody for free, visit [www.verizonwireless.com/music](http://www.verizonwireless.com/music).

- From a Home screen, touch  Menu →  Media Center  
→  1 Music & Tones →  1 VCAST Music | Rhapsody.

---

**Note:** The first time you launch VCAST Music with Rhapsody, you must agree to the Terms and Conditions. Per-song charges apply.

---

#### Downloading music to your phone

1. From a Home screen, touch  Menu →  Media Center →  1 Music & Tones →  1 VCAST Music | Rhapsody.
2. Browse for songs using the onscreen buttons and prompts. Touch the song you want to download, and use these options:
  - Touch **Preview** to hear a 20 second preview of the song.
  - Touch **Buy** to buy the song. At the **CONFIRM PURCHASE** prompt, touch **Buy This Song** to accept the terms.
3. Touch **Download Now** to download the song now, or **Download Later** to download at a later time.

---

**Tip:** If you choose Download Later, you can continue choosing music and download all purchased tracks at one time by touching the Download button on the V CAST Music with Rhapsody home screen.

---

4. Choose a location for the download: **Phone Memory** or **Memory Card** (recommended), and the download starts.
5. Touch **Play This Song**, or touch  to return to the previous screen.

## Download Music to your PC

**Note:** When you purchase music with your wireless device, you can also download a copy to your PC using the V CAST with Rhapsody software.

1. From a Home screen, touch  **Menu** →  **Media Center** →  **Music & Tones** →  **VCAST Music I Rhapsody**.
2. Log in. After logging in, locate and download music files.
  - **Downloading a PC copy:**
    - Available tracks will pop up upon log-in.
    - Check the boxes of songs to download.
    - Select Download Tracks.
  - **Purchasing music:**
    - Browse the catalog and select tracks or albums to purchase.
    - Re-enter your password.
    - Confirm the purchase and the download will begin shortly.
  - **Adding subscription music** (requires V CAST Music with Rhapsody subscription):

- Review subscription offerings.
- Drag and drop tracks to My Library, or click the Add button next to the song.

## Import Songs from an Audio CD

1. On your PC, launch **V CAST Music with Rhapsody**.
2. Insert an audio CD into the CD-ROM drive.
3. The tracks on the CD display in the window. Select tracks for import by clicking the check boxes.
4. Click on the “**Import CD**” button to import your selections.

## Sync music from your PC to your phone

Use **V CAST Music with Rhapsody** on your PC to transfer music to your phone.

1. Plug the Samsung USB cable into your phone and connect it to a USB port on your PC.
2. On your phone, at the “**Select USB Mode**” prompt, touch **Media Sync Mode**.

---

**Tip:** You can set a default USB Mode in Settings. For more information, see “**USB Mode**” on page 84.

---

- At the prompt on the PC, select **Manage the device using Rhapsody**. For more information, see “*V CAST Music with Rhapsody*” on page 92.

## Music Player

Use **Music Player** to play music files that you have transferred from your PC. You can play music with the slide open or closed.

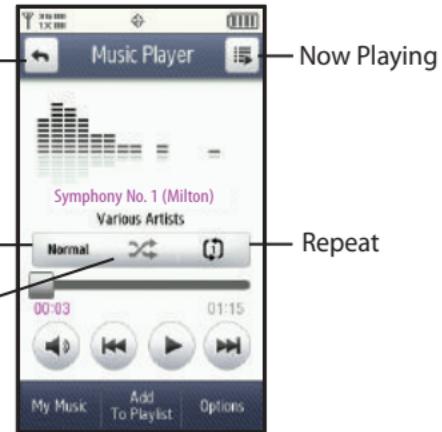
- From a Home screen, touch  **Menu** →  **My Music**.

### Playing Music

- From a Home screen, touch  **Menu** →  **My Music**.

Each time you open Music Player, it checks your phone memory, and optional memory card, if installed, for music files to update your music library.

- Touch  **My Music** to select songs to play.

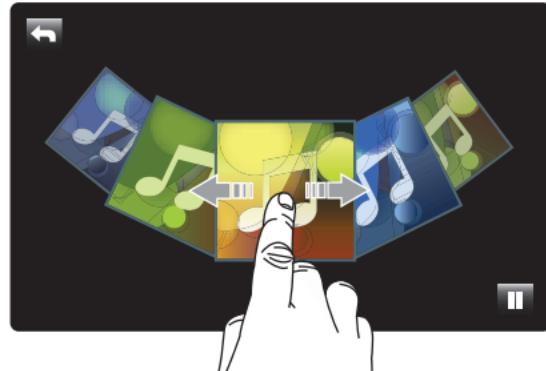


- During playback, use the sound and playlist controls:
  - Sound:** Touch to choose Normal, Rock, Jazz, Live, Classic, Bass, Concert, Wide or Clarity.
  - Shuffle:** Touch to play songs in random order.
  - Repeat:** Touch to repeat all songs, or to repeat the current song.
- During playback, touch  **Add To Playlist** to access playlists. For more information, see “*Playlists*” on page 97.
- During playback, touch  **Options** for these options:
  - Exit Player:** Close Music Player.

- **Music Only Mode:** Disables all wireless communications, to allow your phone to function only as a music player.
  - **Skin:** Choose a style for the Music Player interface, from Simple, Album Artwork, Visualizer or Lyrics.
  - **Song Info:** Display information about the current music file.
  - **Memory Info:** View statistics for the phone's memory and the optional installed memory card.
6. Use these buttons to control playback:
- Touch to advance to the next song in the playlist.  
Touch and hold to scan forward through the current song.
  - Touch to skip to the previous song in the playlist.  
Touch and hold to scan backward through the current song.
  - Touch to pause playback. Touch to resume playback.
  - Touch to adjust the volume.

## Landscape Mode

You can rotate the phone to landscape mode to view album covers during playback, and control playback.



When viewing covers, you can:

- Swipe your finger across the screen to scroll through the albums.
- Touch an album cover to display songs from the album, then touch a song to play the song.
- Touch to pause playback.
- Touch to resume playback.
- Touch to go back to Music Player.

## **Copy music from your PC to your phone**

Copy music from your PC to play with Music Player.

1. Plug the Samsung USB cable into your phone and connect it to a USB port on your PC.
2. On your phone, at the “**Select USB Mode**” prompt, touch **Media Sync Mode**.

**Tip:** You can set a default USB Mode in Settings. For more information, see “*USB Mode*” on page 84.

3. At the prompt on the PC, select a sync method:
  - **Open device to view files using Windows Explorer.** Drag and drop files from the PC to your phone.
  - **Sync digital media files using Windows Media Player.** Use Windows Media Player on the PC to manage your phone’s music.
  - **Manage the device using Rhapsody.** For more information, see “*V CAST Music with Rhapsody*” on page 92.
4. Transfer music files to your phone. When finished, you can disconnect the USB cable.

## **My Music**

My Music provides access to all the songs stored on your phone, and on an optional installed memory card.

1. From a Home screen, touch  **Menu** →  **My Music**.  
→ .
2. Touch the drop-down list to display:
  - All Songs
  - Playlists
  - Artists
  - Albums
  - Expired Songs
3. Touch  to launch **V CAST Music with Rhapsody** to purchase new songs.
4. Touch  to connect to the PC to copy music to your phone. For more information, see “*Copy music from your PC to your phone*” on page 96.
5. Touch  select songs and add them to a playlist.



6. Touch  Options → 1.Erase Songs to delete songs.

## Playlists

### Accessing playlists

1. From a Home screen, touch  Menu →  My Music.
2. Touch , then choose Playlists from the drop-down list.

### Creating a playlist

From My Music:

1. From a Home screen, touch  Menu →  My Music.
2. Touch , then choose Playlists from the drop-down list.
3. Touch , then enter a name for the playlist.
4. Touch  to save the playlist.

During playback:

1. From a Home screen, touch  Menu →  My Music.
2. While playing a song, touch .
3. Touch , then enter a name for the playlist.
4. Touch  to save the playlist, containing the current song.

### Adding song(s) to a playlist

From My Music:

1. From a Home screen, touch  Menu →  My Music.
2. Touch , then choose Playlists from the drop-down list.
3. Touch a playlist, then touch .
4. Touch songs to select them, then touch .

During playback:

1. From a Home screen, touch  Menu →  My Music.
2. While playing a song, touch .
3. Touch a playlist to add the song to the playlist.

### Deleting a playlist

---

Note: This operation erases the playlist only. It does not erase the songs in the playlist.

---

1. From a Home screen, touch  Menu →  My Music.
2. Touch , then choose Playlists from the drop-down list.
3. Touch , then touch playlist(s) to select them for deletion.

4. Touch **Done** to erase the selected playlists.
5. At the **Erase playlists?** prompt, touch **Yes** to continue, or **No** to cancel.

## Other Playback Controls

### Volume Key

When you have music playing while you're browsing the web in Browser, you can press the  Volume key to switch to Music Player.

### Mini Music Player Widget

The Mini Music Player  widget controls music from a home screen.

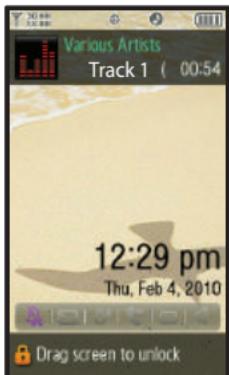
- Touch the Mini Music Player widget on the Widget Bar to place the widget on a home screen.
- When Music Player is active, Mini Music Player displays the song title, and you can use the playback controls.
- Touch the Mini Music Player widget to launch Music Player.



### Lock Screen

When music is playing and the display is locked, you can launch Music Player from the lock screen.

- During playback, the lock screen displays the artist, song title and elapsed time.
- To display Music Player, swipe your finger from the top of the screen to the center.



## Section 11: Pictures and Video

---

This section describes how to use the picture and video features of your phone to create, download and manage your image and video files.

### Using the Camera

Taking pictures with your phone's built-in 3.2 megapixel camera is as simple as choosing a subject, pointing the camera, and pressing the camera key. The camera produces photos in JPEG format.

---

**Important!** Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.  
Do not take photos in places where you may interfere with another person's privacy.

1. Press the  **Camera/Camcorder** key. The camera is always opened in landscape mode, with Camera Options displayed.
2. Set **Camera Options**, or tap the screen to hide Options. For more information about Camera Options, see "*Camera Options*" on page 100.
3. Using the display screen as a viewfinder, compose your picture by aiming the lens at the subject.

4. Press the **Camera/Camcorder** key to take the picture.



---

**Note:** Open the phone immediately after taking a photo to create a new picture message with the new photo attached.

5. After taking a photo, set **Photo Options** for the new photo:
  -  **Back:** Discard the photo and return to the camera.
  -  **Upload:** Upload to a blog or online album using Communities.
  -  **Send via:** Send the photo by picture message, to Online Album, or via Bluetooth.
  -  **Set as:** Set the photo as Wallpaper, or Picture ID for a contact.
  -  **Erase:** Delete the photo.
  -  **Save:** Save the photo to the default storage location.

## Camera Options

Use Camera Options to customize your photos. Camera options appear on screen when you launch the Camera, or can be displayed at any time by touching the screen.



**Back:** Return to the Home screen.



**Mode:** Switch to camcorder mode.



**Shooting mode:** Set the shooting mode. Options are:

- **Single:** Take a single photo.
- **Multi shot:** Take 3, 5 or 8 consecutive photos by pressing and holding the Camera key.
- **Panorama shot:** Take multiple photos to be combined into one.
- **Mosaic shot:** Choose one of 18 templates to combine 18 photos into a mosaic.
- **Frame shot:** Choose one of 18 custom frame borders for your image.



Settings → Camera

- **Autoshot:** Automatically focuses and takes the photo, after an initial press of the Camera key.
- **Night Shot:** Maximizes available light to take a photo in darker conditions.
- **Quality:** Set image quality.
- **Effects:** Choose an effect to add to the photo.
- **White Balance:** Choose a setting for light source.
- **ISO:** Choose a shutter speed.
- **Metering:** Set how the camera finds the light source.
- **Contrast:** Set the contrast for the photo.
- **Saturation:** Set the saturation for the photo.
- **Sharpness:** Set the sharpness of the photo.



## Settings → Settings

- **Guidelines:** Enable or disable on-screen grid to aid in photo composition.
- **Review:** Enable or disable the instant review feature, to display images immediately after taking for review.
- **Ready Sound:** Select a sound to play when you press the Camera/Camcorder key.
- **Shutter Sound:** Select a tone to play when the camera's shutter opens and closes.
- **Memory:** Choose the default storage location for images/videos, to Phone or optional Card (if installed).



**Timer:** Set a timer for a delay between pressing the Camera/Camcorder key and the taking of the photo.

2048  
1536

**Resolution:** Set the image size.



**Brightness:** Adjust the brightness level.



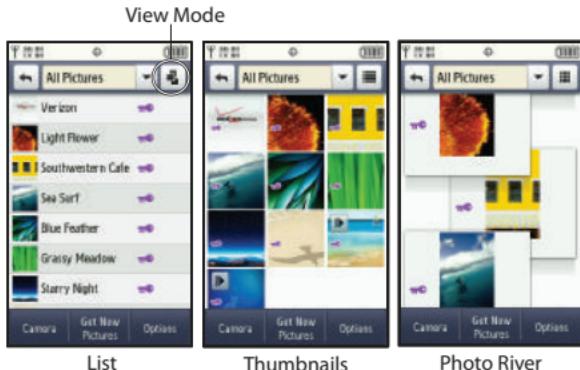
**Quick view:** Scroll through photos, and choose options for a selected photo.

- **Back:** Return to the previous screen or option.
- **Slide show:** View saved photos and videos as a slide show.
- **Edit:** Modify your photo with **Dynamic Canvas** to draw on the photo, or use **Picture Edit** to change photo properties.
- **Upload to Blog:** Upload to your blog using Communities.
- **Send via:** Send the photo via picture message, to your Online Album, or via Bluetooth.
- **Set As:** Set the photo as Wallpaper, or as Picture ID for a contact.
- **Erase:** Delete the selected photo.
- **Info:** View details about the photo, including size, date and resolution.

## My Pictures

Use **My Pictures** to view, edit and manage images stored on your phone.

1. From a Home screen, touch **Menu** → **Media Center** → **Picture & Video** → **3 My Pictures**.
2. From the drop-down list, choose **Phone** to view pictures stored in the phone's memory, **Memory Card** for pictures stored on an optional memory card, or **All Pictures**.
3. Touch the **View Mode** button to choose  **Thumbnails**, **List**, or **Photo River**.

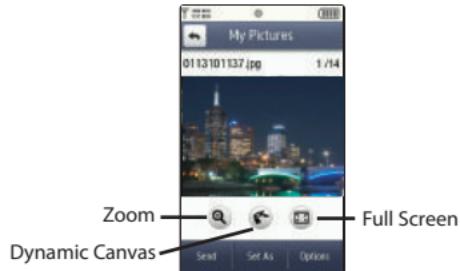


When viewing photos in Photo River with the phone closed, simply turn the phone to landscape mode to activate Photo River. Tilt the device left or right to scroll through photos. Touch the photo you would like to view and/or edit.

When viewing a photo in full screen view, you can use your finger to flick, as well as tilt the device to scroll through photos.

4. While viewing a list of pictures, touch **Options** for these options:
  - **Erase:** Mark files for deletion.
  - **Send via Bluetooth:** Select photos to send via Bluetooth.
  - **Upload via Communities:** Select photos to post to a blog or online album via Communities.
  - **Slide Show:** Make a Slide Show with selected pictures, or Play a Slide Show.
  - **Print:** Print selected photos via USB or Bluetooth.
  - **Move:** When an optional memory card is installed, move selected pictures between the phone memory and the memory card.
  - **Lock/Unlock:** Lock to prevent deletion or moving.

5. Touch a photo to view it. While viewing a photo, you have these options.



- **Zoom:** Touch Zoom, then swipe your finger up or down across the photo, or press the Zoom key on the side of the phone to zoom.
- **Dynamic Canvas:** Draw on the photo using Dynamic Canvas.
- **Full Screen:** Display the photo in full screen.
- **Send:** Send the photo in a Picture Message, to Online Album, or Via Bluetooth.
- **Set As:** Set the photo as Wallpaper, or as Picture ID for a contact.
- **Options:**
  - **Erase:** (For pictures you have taken) Delete the picture.
  - **Upload via Communities:** Post the photo to a blog or online album using Communities.
  - **Take Picture:** Launch the camera.
  - **Print:** (For pictures you have taken) Print via USB or Bluetooth.

- **Move to Card / Move to Phone:** (For pictures you have taken.) Move the photo between the phone memory and optional memory card.
- **Lock/Unlock:** (For pictures you have taken) Lock to prevent deletion.
- **Edit:** (For pictures you have taken) Modify the picture.
- **Rename:** (For pictures you have taken) Change the name of the file.
- **File Info:** Name, File Size, Resolution, Copyright, Date and Time.

## Assigning an Image to Contact

1. From a Home screen, touch Menu → Media Center → 2 Picture & Video → 3 My Pictures.
2. Touch the image you would like to assign.
3. Touch **Set As** → **Picture ID**, then touch a contact to assign the image.

## Setting an Image as a Wallpaper

1. From a Home screen, touch Menu → Media Center → 2 Picture & Video → 3 My Pictures.
2. Touch the image you would like to assign.
3. Touch **Set as** → **Wallpaper**.

## Making a Slide Show

Create a slide show with 4 to 12 photos.

1. From a Home screen, touch  Menu →  Media Center →  2 Picture & Video →  3 My Pictures.
2. To make a slide show of the pictures, touch  Options → Slide Show → Make Slide Show.
3. Touch pictures to mark them for selection, or touch **Mark All**, then touch  Done. The selected photos are shown in the Make Slide Show display.
4. To see a preview of the slide show, touch  Preview.
5. Touch  Options for these options:
  - **Remove**: Remove photos from the slide show.
  - **Settings**: Select settings for the slide show:
    - **Slide Effects**: Select the transition effect between slides.
    - **Duration**: Set the time photo displays.
    - **Frame Effect**: Select a frame effect for the slides.
6. Touch  Save to save the slideshow.

The slideshow will appear in My Pictures, with the  Play icon.

## Using the Camcorder

In addition to taking photos, the camera also functions as a camcorder to record, view, and send videos.

**Important!**: Do not take videos of people without their permission.

Do not take videos in places where cameras are not allowed.  
Do not take videos in places where you may interfere with another person's privacy.

1. Press and hold the  Camera/Camcorder key. The Camcorder is always opened in landscape mode, with Camera Options displayed.
2. Set **Camcorder Options**, or tap the screen to hide Options. For more information about Camcorder Options, see “*Camcorder Options*” on page 105.
3. Using the phone’s main display screen as a viewfinder, adjust the image by aiming the lens at the subject.
4. Press the  Camera/Camcorder key to begin recording video.
5. Touch the  Camera/Camcorder key to stop the recording.

---

**Note:** Open the phone immediately after taking a photo to create a new video message with the new photo attached.

---

6. After recording a video, touch  in the center of the screen to review the video, and set **Video Options** for the new video:

-  **Back:** Discard the video and return to the camera.
-  **Upload:** Upload to a blog or online album using Communities.
-  **Send via:** Send the photo by Video Message or to Online Album.
-  **Erase:** Delete the photo.
-  **Save:** Save the photo to the default storage location.

### **Camcorder Options**

Use Camcorder Options to customize your videos. Camcorder options appear on screen when you launch the Camcorder, or can be displayed at any time by touching the screen.



**Back:** Return to the Home screen.



**Mode:** Switch to camera mode.



### **Recording mode:**

- **For Send:** Set an appropriate resolution for sending.
- **For Save:** Set an appropriate resolution for saving.



### **Settings → Camcorder**

- **Quality:** If Recording Mode set to Save, choose a setting for videos to be saved.
- **Effects:** Choose an effect to add to the photo.
- **White Balance:** Choose a setting for light source.



### **Settings → Settings**

- **Review:** Enable or disable the instant review feature, to display videos immediately after taking for review.
- **Start Sound:** Select a sound to play when you press the Camera/Camcorder key.
- **End Sound:** Select a tone to play when recording stops.
- **Audio Recording:** Enable or disable recording of sound with videos.
- **Memory:** Choose the default storage location for images/videos, to Phone or optional Card (if installed).



**Timer:** Set a timer for a delay between pressing the Camera/Camcorder key and the start of recording.



**Resolution:** If Recording Mode is set to Save, choose a resolution level for saved videos.



**Brightness:** Adjust the brightness level.



**Quick view:** Scroll through videos, and choose options for a selected video.

- **Back:** Return to the previous screen or option.
- **Slide show:** View saved photos and videos as a slide show.
- **Upload to Blog:** Upload to your blog using Communities.
- **Send via:** Send the video via video message, or to your Online Album.
- **Erase:** Delete the selected video.
- **Info:** View details about the video, including size, date and resolution.

## My Videos

Use **My Videos** to view and manage videos stored on your phone.

1. From a Home screen, touch Menu → Media Center → 2 Picture & Video → 4 My Videos.
2. From the drop-down list, choose **Phone** to view only videos stored in the phone's memory, **Memory Card** to view only videos stored on the optional installed memory card, or **All Videos**.
3. Touch the **View Mode** button to choose:
  - **Thumbnails**
  - **List**
  - **Photo River**
4. While viewing a list of videos, touch Options for these options:
  - **Erase:** Mark files for deletion.
  - **Upload via Communities:** Select videos to upload to a blog or online album via Communities.
  - **Move:** When an optional memory card is installed, move video(s) from phone memory to the memory card, or from the memory card to phone memory.
  - **Lock/Unlock:** Lock to prevent deletion or moving.

5. Touch a video to play it. While playing the video, use the onscreen buttons for these operations:



- **Full Screen:** Display the video in full screen.
- **Capture Frame:** Touch to capture a video frame as a still image.
- **Volume:** Touch to set the volume of the audio.
- **Back:** Touch to skip backward through the video. Touch and hold to scan backward through the video.
- **Play/Pause:** Touch to play the video, or pause a playing video.
- **Forward:** Touch to skip forward to the next video. Touch and hold to scan forward through the video.
- **My Videos:** Go back to My Videos.
- **Send:** Send the video in a Video Message, or to Online Album.
- **Options:**
  - **My Videos:** Go back to My Videos.
  - **Erase:** Delete the video.

- **Upload via Communities:** Post the video to a blog or online album via Communities.
- **Move to Card / Move to Phone:** If an optional memory card is installed, move the video between the phone memory and memory card.
- **Lock/Unlock:** Lock to prevent deletion.
- **Rename:** Change the name of the file.
- **File Info:** Name, File Size, Resolution, Copyright, Date and Time.

## V CAST Videos

**V CAST Videos** provides access to vibrant, full-color video-on-demand from some of the biggest names in entertainment.

### Browsing and Playing Video Clips

1. From a Home screen, touch Menu → Media Center → Picture & Video → V CAST Videos.
2. Touch a video category, and browse for video titles.
3. Touch Options for these options:
  - **Search:** Enter criteria to find videos.
  - **Manage Subscription:** Add or remove subscriptions.
  - **Alerts:** View or configure alerts.
  - **My Videos:** Open My Videos to view and manage videos stored on your phone or optional installed memory card.
  - **About:** View information about V CAST Videos application.

- To view a video, touch the title.

## Downloading a Video Clip

**Note:** Some video content cannot be downloaded to your phone. However, all content is available for viewing.

- From a Home screen, touch  Menu →  Media Center →  Picture & Video →  V CAST Videos.
- Touch a video category, and browse for video titles.
- Touch a video title that you want to download and save.
- You will see a pop-up notification similar to the following:  
**"The first time you view this clip, you will be charged  
(payment amount). If you have previously viewed this clip,  
you will not incur any additional charges. Proceed?"** Touch  
"Yes" or "No".
- If you touch Yes to proceed, you will see the message  
**Downloading - %** with the percentage of completion. If you decide to cancel the download in-progress, touch Cancel.
- Once the download is completed, At the **Download Complete. Play video now?** pop-up, touch Yes to continue, or No to return to the V CAST Videos menu.

---

**Note:** When you see the **Download Complete. Play video now?** pop-up, the video has been saved in the **My Videos** folder.

---

## Configuring Alerts for New Video Clips

- From a Home screen, touch  Menu →  Media Center →  Picture & Video →  V CAST Videos.
- Touch  Options → Alerts → Configure Alerts.
- Highlight the appropriate alert and touch or press OK .
- Read the subscription terms, highlight Save and touch or press OK.

---

**Note:** Fees apply for text messages/alerts sent and received.

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## Section 12: Tools, Applications and Widgets

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The topics covered in this section allow you to schedule appointments, view the calendar, set an alarm, view time zones, take notes, and perform simple math calculations.

### Voice Commands

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Voice Commands.

For more information, refer to “*Voice Commands*” on page 38.

### Calculator

#### Normal

Perform simple mathematical calculations.

- From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Calculator →  Normal.

#### Tip

Calculate the tip and how much each person should pay.

---

**Note:** The following steps outline tip calculations using the touch keypad.

---

1. From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Calculator →  Tip.

2. Touch each field to populate:

- **Bill:** Enter the amount of the bill.
- **Tip:** Enter the tip percentage.
- **Split:** Enter the number of people.

3. The calculator will display the tip, total bill including the tip, and the share of the bill for each person.

### Converter

Convert values you enter into selected units.

1. From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Calculator →  Converter.
2. Choose a conversion type:
  - Temperature
  - Length
  - Weight
  - Area
  - Volume
  - Currency
3. Enter the value to be converted, and select conversion units.

## Calendar

Record events, set reminders, your appointments, and use and your phone to manage .

---

**Note:** Any event scheduled within the next 24 hours will cause the Calendar icon to be illuminated on the Event Status bar, and will appear on the Event Manager screen.

---

### Add a new event

1. From a Home screen, touch  Menu →  Settings & Tools →  2 Tools →  3 Calendar.

The calendar displays the current date.

2. Touch  Options to choose:
  - **Weekly View:** View the current week.
  - **Go to Today:** View today's events.
  - **Erase All Old:** Delete all past events.
  - **Erase All:** Delete all events in your calendar.
3. At the calendar display, touch  New to add a new event.
4. Enter details about the event:
  - **Subject:** Enter a name for the event.
  - **Start Date:** Enter the start date for the event.
  - **Start Time:** Enter the start time for the event.

- **End Date:** Enter the end date for the event.
  - **End Time:** Enter the end time for the event.
  - **Recurrence:** Select the frequency of the event.
  - **Alerts:** Set an alert for the event.
  - **Alert Tone:** Choose the type of alert tone.
  - **Vibrate:** Enable or disable vibration alert.
  - **Reminder:** Set a repetitive reminder for the event.
5. Touch  Save . The event is saved.

### View an event

1. From a Home screen, touch  Menu →  Settings & Tools →  2 Tools →  3 Calendar.
- The calendar displays.
2. Touch to select the date containing the event that you wish to view. The events for that day are displayed.
  3. Touch an event you to display its information.
  4. To edit the event, touch  Edit .
  5. Make all of the necessary edits by touching the desired fields, then touch  Save .

## Alarm Clock

Set up to three alarms, to go off once, or recur periodically at a specific time. Once set, alarms are easy to change or turn off.

**Note:** Alarms scheduled within the next 24 hours will illuminate the Calendar icon on the Event Status bar and appear in Event Manager.

### Setting An Alarm

- From a Home screen, touch  Menu →  Settings & Tools → **2** Tools → **4** Alarm Clock. The following options appear in the display:
  - **Alarm 1**
  - **Alarm 2**
  - **Alarm 3**
- Touch **On** to enable an alarm. Configure the alarm:
  - Touch the **Time** field to enter the alarm time using the touch keypad and tap **Done**.
  - Touch **Repeat** to set the repeat of the alarm alert.
  - In the **Frequency** field, touch the days you want the alarm to sound.
  - Touch **Snooze** to set a snooze setting: Once, Every 2 Minutes, Every 5 Minutes, or Every 15 Minutes.
  - Touch **Ringer**, and select Tone, Vibrate, or Light Only.

- If you select **Tone**, you can set a tone for the alert ringer. VZW Default Tone is the default. Touch a ringer option to select a tone.

- Touch  to save your settings.

**Tip:** With Motion Detection, you can quickly silence an alarm alert by flipping the phone face down. For more information, see “*Motion Detection*” on page 80.

### Disabling or Resetting an Alarm

- From a Home screen, touch  Menu →  Settings & Tools → **2** Tools → **4** Alarm Clock.
- Touch **Off** for the alarm you wish to disable. The alarm remains configured, but will not cause an alert to ring.
- To reset an alarm, touch , then touch **Reset** for the alarm. You can touch **Reset** in the **Reset All** header to reset all alarms. When reset, alarm settings are cleared.

## Stop Watch

Measure lap times and total elapsed time.

- From a Home screen, touch  Menu →  Settings & Tools → **2** Tools → **5** Stop Watch.
- Touch  to start the stopwatch.
- Touch  to record lap times.

4. Touch  to stop timing.
5. Touch  to erase recorded stopwatch time.

## World Clock

World Clock allows you to view the time in your location, and up to 4 additional locations around the world.

1. From a Home screen, touch  Menu →  Settings & Tools →  2 Tools →  6 World Clock.

The Current Time displays automatically, based on your location.

2. Touch  to add a world clock. Touch and drag the map to find the desired time zone. Touch a city from the desired area to highlight it in red.
  - Touch **Save** to save this location as a world clock.
  - Touch **Set as 2nd Clock** to set this location as the second location for the World Clock display.
  - Touch **Daylight Savings** to enable or disable Daylight Savings time offset to this location.

## Notepad

Create, read, edit and erase text notes.

1. From a Home screen, touch  Menu →  Settings & Tools →  2 Tools →  7 Notepad.

If you have any stored notes, they appear in the display. If this is your first time in Notepad, **No Notes** displays.

2. To add a new note, touch  then enter the note using the touch keypad or the QWERTY keyboard.
3. When you're finished entering note text, touch .

## Reviewing and Editing Notes

1. From a Home screen, touch  Menu →  Settings & Tools →  2 Tools →  7 Notepad.
2. To edit a note, touch the note in the list.
3. Touch  to make changes. Make your changes to the note and touch .

## Erasing Notes

1. From a Home screen, touch  Menu →  Settings & Tools →  2 Tools →  7 Notepad.
2. To mark notes for deletion, touch , then touch notes.
3. Touch  to delete the marked notes, then touch **Yes** when prompted to erase the note.

## Sketch Pad

Sketch directly on the touch screen, modify and then either save or send the artwork to a target recipient.

1. From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Sketch Pad.
2. Touch and hold your finger on the display, then move your hand in a writing or drawing motion.

### Sketch Pad tools

Use the following tools to create and edit a sketch.



**Back:** Return to the previous menu. If there is content touch **Yes** at the prompt to save the sketch.



**Style:** Select a sketchpad style.



**Thickness:** Set the width of the sketch line.



**Color:** Select the color of the sketch line.



**Send:** Send the sketch as a picture message.



**Save:** Save the sketch to My Pictures or to your storage card.



**Erase:** Switch to an eraser cursor. Touch and drag on the screen to erase sketching.



**Undo:** Undo the previous action.

## Timer

Set a countdown timer.

1. From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Timer.
2. Select a countdown time length for the alert by setting the Hours, Minutes, and Seconds value.

---

**Note:** In portrait mode, Touch and hold the + or - icons to quickly scroll to the desired time.

---

3. Touch **Start** begin the timer.

## USB Mass Storage

Use your phone to connect to your PC, to access an optional installed memory card.

1. Insert your optional memory card (purchased separately) into the microSD slot.

2. Plug the USB cable into your phone and connect it to a USB port on your PC.
3. From a Home screen, touch  Menu →  Settings & Tools →  Tools →  USB Mass Storage.

**Note:** You cannot make or receive calls when using USB Mass Storage.

4. On your PC, you should see a Removable Disk pop-up window. Select the desired action and click **OK**.
5. After performing the desired action, touch **DISCONNECT** on the phone to resume phone service, and touch **Yes** to confirm.

## File Viewer

View files in the following formats:

- Microsoft Office 2007 formats, including Word, Excel, and PowerPoint
- Microsoft Word (v97 and up)
- Microsoft Excel (v95 and up)
- Microsoft PowerPoint (v97 and up)
- Adobe PDF
- ASCII documents
- HTML documents

- Images: JPG, BMP, GIF, PNG, TIF

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**Note:** The size of files that can be viewed is limited to available phone memory. Also, since this is a simple file viewer, it may be difficult to view complex files, like spreadsheets or documents with multiple pages.

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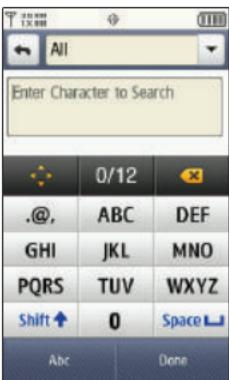
1. Insert your storage card (purchased separately) into the microSD slot.
2. From a Home screen, touch  Menu →  Settings & Tools →  Tools →  File Viewer.
3. Highlight the desired file and touch **VIEW** to view the file, or **Erase** to erase the highlighted file.
4. While viewing a file, touch **Options** for these options:
  - **Zoom:** Zoom in to fit the screen. Press Next to see the next page if there is more than one page in the file.
  - **Full View:** Rotates the page to fill the entire screen (if page orientation is different from screen orientation). Press the Right/Left directional keys to see next/previous page (if more than one page).
5. Press to return to normal view.
  - **File Info:** Displays the Name and Size of the file. Press or to return to the file viewer.
  - **Search:** Jumps to the first page with the text in the search box.

## Device Search

**Device Search** is an easy way to locate items on your phone. After searching, touch a search result to go directly to the content.

**Tip:** Device Search can only find items stored in your phone's memory. To find items on an optional installed memory card, see "File Viewer" on page 114.

1. From a Home screen, touch  Menu →  Settings & Tools →  Tools →  Device Search.
2. Enter up to 12 characters as criteria for searching.
3. To narrow your search to a specific kind of item, choose from the drop-down list:
  - Contacts
  - Recent Calls
  - Calendar
  - Message
  - Music
  - Image
  - Video
  - Menu



4. Touch  Done to start searching. Results display on the screen.
5. Touch any search result to go to the item or launch the application or feature.

## Tutorial

The **Tutorial** widget provides helpful information and tips for using your phone.

1. From the Widget Bar, tap  Tutorial.
2. Touch a topic, or press its number:
  -  Special Keys
  -  Widget Bar
  -  Making a Call
  -  Contacts
  -  Messaging
  -  Camera
  -  My Pictures
  -  Flipping the Phone
  -  Sliding Open the Phone
  -  Battery Tips

## VZNavigator®

VZ Navigator® uses GPS positioning to tell you where you are, what's nearby, and to give you directions - quickly and easily. With audible turn-by-turn directions, you can locate points of interest in the U.S., including landmarks, restaurants, and even ATMs.

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**Note:** VZ Navigator requires service activation. Contact Verizon Wireless for more information.

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- ▶ From a Home screen, touch  Menu →  VZ Navigator.

The first time you start VZ Navigator, you'll be prompted to download and install the application, and to agree to the terms of service.

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**Tip:** To use the VZ Navigator, you must have Location On setting enabled. For more information, see "*Location*" on page 77.

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## Section 13: Web and Social Networking Applications

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### Bing Search

Bing Search is a powerful search tool for locating web content via your phone, tailored for your current location.

1. From the Widget Bar, touch  **Bing Search**.

– or –

- From a Home screen, touch  **Menu** →  **Bing Search**.

The first time you launch Bing, you'll be prompted to download and install the application, and to agree to the terms of service.

2. Enter search criteria and touch **Search**. You can also search by speaking the criteria: tap 'Speak' and say what you're looking for. Speech recognition is currently in beta; disable this feature in **Menu → Settings**.
3. Narrow your search by choosing an icon:

- **Categories**: Popular search categories.
- **Map**: Enter a location, or use your GPS location.
- **Directions**: Enter Start and End points to create a route.

- **Traffic**: Get current traffic information for your location.
  - **Movies**: Find movie showtimes near your location.
  - **Gas Prices**: Check gas prices at nearby stations.
  - **Collections**: View collections.
  - **Web**: Enter criteria for an internet search.
  - **Weather**: Check the weather for your location.
4. Tap **Menu** for these options:
    - **Settings**: Specify GPS, Locate Me, Speech Recognition, Autosuggest and Cache Size settings, and Clear Search History.
    - **Edit**: Use text entry commands Cut, Copy, Paste and Select All.
    - **Client Update available**: Check for updates to the Bing application.
    - **About**: Display information about Bing.
    - **Send Feedback**: Send feedback about Bing to Microsoft.
    - **SMS to a Friend**: Send a message to a friend to recommend Bing.
    - **Exit**: Close Bing and return to the Main Menu.

## Browser

Your phone is equipped with a full HTML Browser, which allows you to access the Internet. This section explains how to access the browser and navigate web pages.

- ▶ From a Home screen, touch  Menu →  Browser.

### Changing the Screen Orientation

Your phone's motion detector determines whether the phone is in portrait or landscape orientation and adjusts the display. You do not have to open the phone to view web sites in landscape mode.

### Navigating the Browser

Navigate the Browser screen by touching points on the screen, and using onscreen tools.

### Tools

While viewing a web page, touch  to display the onscreen tools, then touch the desired tool.



**Back:** Return to the previous page.



**Reload:** Refresh the current page from the source.



**Fullscreen View / Toolbar View:** Indicates full-screen view. Touch to switch to Toolbar View.



**Home:** Go to the saved homepage.



**Zoom:** Display zoom slider to zoom in or out.



**Web Favorites:** View or add bookmarks for web pages.



**Menu:**

- **Forward:** Go to the next previously-visited page.
- **Find on Page:** Search for content on the page.
- **Optimized View:** Enable or disable optimized view for web pages.
- **History:** View a list of recently-visited pages.
- **RSS:** View and manage RSS feeds.
- **Settings:** Select settings for Browser sessions.
- **Copy & Send:** Copy content and send via Email or text message, to a contact entry, or to Notepad.
- **Send Screen:** Capture and send a screen via Email or text message, or to My Pictures.

## Touching and dragging

- Touch and drag the screen to reposition the view.

## Scrolling

- Slide your finger up or down, or from the side, on the screen.

## Zooming in or out

You have multiple options for zooming:

- **Touch and hold:** To zoom in, touch and hold on the screen. To zoom out, touch and hold on the screen, then drag your finger down.
- **Zoom slider:** Touch → , then touch and drag up or down on the zoom slider.
- **Speakerphone/Voice Commands key:** Press the .

## Selecting items

- Touch an onscreen item or hyperlink to select it.

## Entering text in a field

- Touch the onscreen text field until the cursor blinks, then begin entering your text.

## Browser Settings

1. From a Home screen, touch Menu → Browser.
2. Touch → → **Settings** to configure these settings:

- **1 Display Mode:** On regular web sites (sites that are not specifically designed for mobile phones), choose Page View, Scan View or Detail View.

- **2 Full Screen:** Set default full screen display to On or Off.

- **3 Home Page:** Set the home page.

- **4 JavaScript:** Enable or disable Javascript functionality.

- **5 Security:** Block Pop-ups, accept or reject Cookies, accept or reject Send Referrer, enable or disable Authentication Caching, SSL and TLS levels, and view and manage certificates.

- **6 Manage Memory:** Clear Cache, Cookies, History, or All.

- **7 Restore Defaults:** Restore default Home Page, Display Mode, and/or Security settings, or Restore All settings.

- **8 Information:** View information about the current Web Page, or the Browser.

## Entering a URL

1. From a Home screen, touch Menu → Browser.
2. Touch then touch the URL address field at the top of the screen to display the VZWGoTo page.
3. Touch the **URL Address** field, where the **http://** prefix is entered for you, and enter the web address.
4. Touch **Go** or press to launch the web page, or touch Add to Favorites to save the URL to your Web Favorites.

## Using Favorites

While browsing the web, you can bookmark a page to quickly and easily access it in the future.

### Accessing Favorites

You can access Favorites directly from the VZW Today default home page, or from the Favorites page.

From VZW Today default home page:

1. From a Home screen, touch  Menu →  Browser.
2. On the VZW Today page, touch **Favorites**, then touch a favorite to launch the page.

From the Favorites page:

1. From a Home screen, touch  Menu →  Browser.
2. Touch  →  → View.
3. Touch a favorite to launch the page.

### Adding Favorites

Favorites are stored under **My Links** on the Favorites screen.

1. From a Home screen, touch  Menu →  Browser.
2. Browse to the desired web site.
3. Touch  →  → Add.

4. Confirm the details, then touch **Add to Favorites**.

### Managing Favorites

You can create folders to organize your favorites, and edit, delete or reorder the appearance of favorites on the Favorites screen.

1. From a Home screen, touch  Menu →  Browser.
2. Touch  →  → View → Manage Favorites.
3. Under **My Folders**, touch Create, Delete or Rename to manage folders. Under **My Links**, touch Add, Delete, Edit or Reorder to manage favorites.

### Copying and Sending a Field or Text

Copy fields or text from a web page, for sending in a Text or Email Message, saving to a contact entry, or to the Notepad.

1. From a Home screen, touch  Menu →  Browser.
2. Browse for content you wish to copy and send, then touch  →  → Copy & Send.
  - **Copying a field or URL:** Touch the field. Note that the field highlights to show the selection.
  - **Copying a text selection:**
    - **Set the starting point:** Touch the screen where you want to begin copying, and note that a green dot appears on the screen to mark the

- beginning of the selection. Touch  to set the starting point of the selection.
- **Set the end point:** Touch the screen where you want to stop copying, noting that the end point is marked by a red dot. Touch  to set the end point.
3. Touch **Send**, then touch a destination for the copied selection:
    - **Message:** Choose **Recipient Field** to enter the selection as the recipient for a message, or **Content Field** to paste the selection into the text of a message.
    - **Contacts:** Choose **Add New Contact** to save the selection as a field in a new contact, or **Existing Contact** to save the selection as a field in an existing contact entry.
    - **Email:** Choose **Recipient Field** to enter the selection as the recipient for an Email message, or **Content Field** to insert the selection into the text of an Email message.
    - **Notepad:** Insert the selection into a new note in Notepad.
  4. Follow the prompts to continue creating the text or Email message, contact entry, or note.

## Sending a Screen

Send a screen capture as a picture attachment to a Picture or Email message, or to My Pictures.

1. From a Home screen, touch  Menu →  Browser.

2. Touch  →  → **Send Screen**.
3. Touch **Message, Email or My Pictures**.
4. Follow the prompts to continue creating the message, or saving the picture.

## Using History

History provides a list of recently-visited web pages. Use History to quickly return to a web page without retyping the address.

1. From a Home screen, touch  Menu →  Browser.
2. Touch  →  → **History** to see previously-visited web sites in folders sorted by date.
3. Touch a date, then touch an entry from the list to go to the web page.

## RSS Reader

The Browser's RSS Reader allows you to receive RSS feeds from your favorite web sites.

### Adding an RSS Feed

1. From a Home screen, touch  Menu →  Browser.
2. Browse to the website from which you would like to receive an RSS feed, and touch or select the the RSS feed link on the site.  
– or –

Enter the URL for the RSS feed. For more information, see “*Entering a URL*” on page 119.

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**Tip:** Some sites display an RSS icon on the web page to allow you to easily subscribe to RSS feeds.

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3. Follow the prompts to add the RSS feed.

### RSS Options

1. From a Home screen, touch  Menu →  Browser.
2. Touch  →  → RSS → Options.
3. Touch **Update All** to update all RSS feeds with the latest feed.

4. Touch **Create Folder** to create a folder for organizing your RSS feeds.
5. Touch **Delete All** to erase all RSS feeds.
6. Touch **Feed Settings** for these settings:
  - **Update Mode:** Choose Automatic or Manual for feed updates.
  - **Feeds Items:** Select the number of items to retrieve per feed.

---

**Tip:** While viewing feeds in RSS Reader, touch  on a feed to choose options for the feed, including Update, Edit and Delete.

---

## Communities

Communities provides a single point for accessing online communities, such as Facebook, Flickr, YouTube and MySpace.

Using Communities allows you to multi-task while your files upload in the background. Plus, you can upload up to 10 files at once, or an entire album.

1. From the Widget Bar, touch  **Communities**.
2. Touch a community to launch the web site.
3. Touch  to mark communities for removal from the Communities application. This does not remove the application from your phone.
4. Touch  to check for new social networking sites for use with the Communities application.
5. Touch  to configure Communities.



## Uploading with Communities

1. From the Widget Bar, touch  **Communities**.
2. Touch  **Upload** beside a community for these options:
  - **Update Status:** Post your status to selected site(s).
  - **My Pictures:** Update this site with photos from My Pictures.
  - **Take Picture:** Launch the Camera to take a picture to upload.

## Communities Settings

In Communities Settings, set defaults for uploads, save login credentials for preferred sites, and set up automatic uploads.

Sites in your Preferred List are available for quick uploads in other features and applications, such as the Camera and Messaging.

1. From the Widget Bar, touch  **Communities**.
2. Touch  for these options:
  - **1 Upload Details:** View information about recent uploads.
  - **2 Preferred Lists:** Enter login credentials for your favorite sites.
  - **3 Image Resize:** Set default size for images during uploads.
  - **4 Reservation:** Set a reservation to upload at a specific date and time.
  - **5 Account Manager:** Store login credentials for preferred sites, or log out of sites.
  - **6 Disclaimer:** View the legal disclaimer.

## **Facebook**

Use the **Facebook** widget to launch the Facebook web site.

- From the Widget Bar, touch  **Facebook**.

## **Twitter**

The **Twitter** widget to launches Twitter.

- From the Widget Bar, touch  **Twitter**.

## **MySpace**

Use the **MySpace** widget to launch MySpace.

- From the Widget Bar, touch  **MySpace**.

## **Photobucket**

The **Photobucket** widget launches the Photobucket web site in the Browser.

- From the Widget Bar, touch  **Photobucket**.

## **WeatherBug**

**WeatherBug** provides up-to-date weather news and forecasts for any location.

- From the Widget Bar, touch  **WeatherBug**.

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**Note:** WeatherBug is a subscription service. The first time you launch WeatherBug, you'll be prompted to agree to the terms of service.

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## Section 14: Health and Safety Information

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This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

### Health and Safety Information

#### Exposure to Radio Frequency (RF) Signals

#### Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of

absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 0.99 W/Kg.
- Body-worn: 0.67 W/Kg.

SAR information on this and other model phones can be viewed online at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at [www.fcc.gov/cgb/sar](http://www.fcc.gov/cgb/sar).

## **Please Note the Following Information When Using Your Handset**

### **1. WARNING REGARDING DISPLAY**

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

### **2. WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET**

If your handset has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Standard Limited Warranty" on page 145.

## Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <http://mobile.samsungusa.com/recycling/index.jsp> or 1-800-822-8837 for more information.

## UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

**FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.**

**IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.**

**DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.**

**FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.**

## Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

### ***What kinds of phones are the subject of this update?***

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

## ***Do wireless phones pose a health hazard?***

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe.

Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

## ***What is FDA's role concerning the safety of wireless phones?***

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user.

In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

### ***What are the results of the research done already?***

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with

cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

### ***What research is needed to decide whether RF exposure from wireless phones poses a health risk?***

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can

provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

### ***What is FDA doing to find out more about the possible health effects of wireless phone RF?***

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

### ***What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?***

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone

away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

### ***What about children using wireless phones?***

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

### ***Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?***

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

### ***Do wireless phone accessories that claim to shield the head from RF radiation work?***

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as

advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

### ***What about wireless phone interference with medical equipment?***

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers

(IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations  
(Updated 1/1/2010):

- FCC RF Safety Program:  
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):  
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):  
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):  
<http://www.cdc.gov/niosh/>
- World Health Organization (WHO):  
<http://www.who.int/peh-emf/>
- International Commission on Non-Ionizing Radiation Protection:  
<http://www.icnirp.de>

- Health Protection Agency:  
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration:  
<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm>

## Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

**"The wireless industry reminds you to use your phone safely when driving."**

For more information, please call 1-888-901-SAFE, or visit our web-site [www.ctia.org](http://www.ctia.org).

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**Important!**: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

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Provided by the Cellular Telecommunications & Internet Association.

## **Responsible Listening**

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**Caution!**: Avoid potential hearing loss.

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Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

**American Academy of Audiology**

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: [info@audiology.org](mailto:info@audiology.org)

Internet: <http://www.audiology.org>

## National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: [nidcdinfo@nih.gov](mailto:nidcdinfo@nih.gov)

Internet: <http://www.nidcd.nih.gov/>

## National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: [cdcinfo@cdc.gov](mailto:cdcinfo@cdc.gov)

Internet: <http://www.cdc.gov>

1-888-232-6348 TTY

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

## Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

## Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

## Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

## **FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices**

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

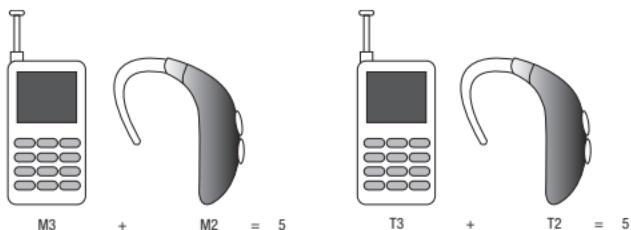
The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while

using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

### ***Other Medical Devices***

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

## **Vehicles**

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

## **Posted Facilities**

Switch your phone off in any facility where posted notices require you to do so.

## **Potentially Explosive Environments**

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air

contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

## **Emergency Calls**

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number).  
Emergency numbers vary by location.
3. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

### ***Restricting Children's access to your Phone***

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

### **FCC Notice and Cautions**

#### **FCC Notice**

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

#### **NFPA (National Fire Protection Agency)**

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: <http://www.nfpa.org>

#### **Cautions**

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

#### **Other Important Safety Information**

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

## **Product Performance**

### ***Getting the Most Out of Your Signal Reception***

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

### ***Understanding the Power Save Feature***

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

### ***Understanding How Your Phone Operates***

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

### ***Maintaining Your Phone's Peak Performance***

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to “*Turning Bluetooth On or Off*” on page 69.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

## Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas.

Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

## Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

## Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.

- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.

- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

## Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.

- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

## Section 15: Warranty Information

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### Standard Limited Warranty

#### What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

**What is Not Covered?** This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural

items, including framing, and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (i) any other acts which are not the fault of SAMSUNG; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or

show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

**What are SAMSUNG's Obligations?** During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the original date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser

must pay all parts, shipping, and labor charges for the repair or return of such Product.

**What Are The Limits On Samsung's Warranty/liability?** EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS

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THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY

WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation,

whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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Customer Care Center:

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Plano, TX 75074

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Richardson, Texas 75082

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**Important:** If you are using a handset other than a standard numeric keypad,  
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